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STATE OF ILLINOIS

DEPARTMENT OF REGISTRATION AND EDUCATION

# PETROLEUM INDUSTRY IN ILLINOIS, 1971

## Part I. Oil and Gas Developments

Jacob Van Den Berg

## Part II. Waterflood Operations

T. F. Lawry

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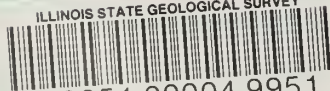
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# PETROLEUM INDUSTRY IN ILLINOIS, 1971

JACOB VAN DEN BERG and T. F. LAWRY

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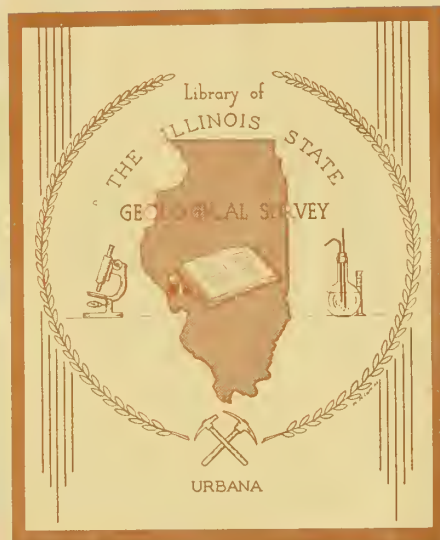
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URBANA

# PETROLEUM INDUSTRY IN ILLINOIS, 1971

JACOB VAN DEN BERG and T. F. LAWRY

## ABSTRACT

Illinois produced 39,083,839 barrels of crude oil in 1971, a decline of 10.7 percent from 1970. The price of crude oil in 1971 was based on a gravity scale. The estimated average price in 1971 was \$3.47 per barrel, making a value of \$135,620,921 for crude oil produced in Illinois during the year.

In 1971, 542 new tests for oil and gas were drilled, resulting in 238 oil wells, 16 gas wells, and 288 dry holes. In addition, 28 former dry holes were reworked or deepened and completed as producers, and 12 former producers were re-entered and completed as producers in new pay zones.

Of the 542 new oil and gas tests, 154, or 28.4 percent, were wildcats (half a mile or more from production), of which 22 were completed as producers, a success ratio of 14.3 percent. Sixty-nine new service wells were drilled, and 287 old wells were converted to service wells. Seven structure tests were drilled in exploration for oil and gas. In connection with underground storage of natural gas, 258 wells were completed in 1971; these include 91 new wells and 11 conversions in existing projects and 156 structure tests in search of suitable storage structures.

Four oil fields, 20 extensions, and eight new pay zones in existing fields were discovered. None added significantly to reserves.

Estimated crude oil reserves declined from 241.4 million barrels at the end of 1970 to 217.0 million barrels at the end of 1971.

At the end of 1971, 33 underground natural gas storage projects were either operating, being developed, or being tested in Illinois. Active Illinois storage projects have an estimated total capacity of 1.7 trillion cubic feet. Thirteen mined caverns for storage of liquefied petroleum gases have a total capacity of 3.2 million barrels.

Fifty-seven new waterfloods were added in 1971, and 28 waterfloods were abandoned.

Area subject to fluid injection was increased by 8,830 acres as the result of new waterflood projects. Extension of existing waterfloods resulted in the addition of 7,008 pay acres. Area subject to fluid injection is approximately 51.4 percent of the total pay acreage in the state.

## PART I. OIL AND GAS DEVELOPMENTS

Jacob Van Den Berg

### INTRODUCTION

This report is similar in form to the annual report for 1970, with the exception that maps of the Illinois oil and gas fields do not appear in this report. These maps can be referred to in the report for 1970 (Van Den Berg and Lawry, 1971).

Part I gives information about crude oil production, development and exploratory drilling, crude oil reserves, productive acreage, gas production, and underground storage of natural gas and liquefied petroleum gas.

The help and cooperation of the many individuals and companies who made this report possible are greatly appreciated.

County	1971 production (bbls)	Percentage of state total
White	5,370,089	13.7
Fayette	4,676,991	12.0
Lawrence	4,545,052	11.6
Wayne	4,148,989	10.6
Marion	3,541,526	9.1
Crawford	1,979,442	5.1
Clay	<u>1,821,073</u>	<u>4.6</u>
	26,083,162	66.7

The combined production of 12 fields accounted for 73.1 percent of the state's total production in 1971, as follows:

### OIL PRODUCTION AND VALUE

Illinois produced 39,083,839 barrels of crude oil in 1971, 4,662,783 barrels, or 10.7 percent, less than in 1970. Average daily production in 1971 was 107,079 barrels; in 1970 it was 119,854 barrels.

Table 1A lists by counties the number of holes drilled, footage drilled, and oil production in 1971. Holes drilled are classified as tests for oil and gas, service wells, and structure tests. Table 7 lists by fields oil production and other data. Table 1B lists by counties the number of holes and footage drilled by the gas industry in connection with the underground storage of natural gas.

Seven counties accounted for 26,083,162 barrels, or 66.7 percent, of the state's total production in 1971, as follows:

Field (C = Consolidated)	1971 production (bbls)	Percentage of state total
Southeastern Illinois oil field	6,924,340	17.7
Clay City C	4,657,752	11.9
Louden	4,309,902	11.0
Salem C	3,424,224	8.8
New Harmony C	2,624,581	6.7
Roland C	1,615,676	4.1
Sailor Springs C	1,270,374	3.3
Dale C	1,134,499	2.9
Johnsonville C	910,989	2.3
Phillipstown C	764,166	2.0
Storms C	483,864	1.2
Albion C	<u>450,725</u>	<u>1.2</u>
	28,571,092	73.1



The price of crude oil in Illinois is based on a gravity scale. The estimated average price in 1971 was \$3.47 per barrel, making a value of \$135,620,921 for crude oil produced in Illinois in 1971.

### 1971 DRILLING

A total of 945 wells were completed in connection with oil and gas exploration and field development in 1971 (table 1A), down 11.3 percent from 1970. These wells include new oil and gas tests; former dry holes reworked or deepened and completed as producers; former producers reworked or deepened and completed as producers in new pay zones; new service wells; service well conversions; and structure tests. In addition, the gas industry reported 258 well completions in 1971 in connection with underground storage of natural gas (table 1B); these included 91 new wells and 11 conversions in existing projects and 156 structure tests in search of suitable storage structures.

A total of 542 new tests for oil and gas were drilled in 1971, a decline of 19.6 percent from 1970. These new tests, which include wells in waterflood projects, resulted in 238 oil wells, 16 gas wells, and 288 dry holes. In addition, 28 former dry holes were reworked or deepened and completed as producers (25 oil, 3 gas), and 12 former producers were re-entered and completed in new pay zones.

Sixty-nine new service wells (water input, salt water disposal, etc.) were drilled, and 287 old wells, mostly former oil wells, were converted to service wells in 1971. This is an increase of 9.8 percent from 1970 in total service well completions.

Seven structure tests were drilled in exploration for oil and gas.

New oil and gas tests were drilled in 44 of the state's 102 counties. Six counties had over 25 tests each and accounted for 44.5 percent of the total: Clay (59), Sangamon (47), Christian (43), Wayne (35), Lawrence (29), and Crawford (28).

Total footage drilled by the oil and gas industry in 1971, including old holes drilled deeper, was 1,656,812 feet, a decline of 19.5 percent. Of this footage, 1,328,060 feet was for oil and gas exploration and field development (including service wells), down 22.2 percent, and 328,752 feet was for underground storage of natural gas, down 6.5 percent.

### Discoveries

Four oil fields, 20 extensions, and eight new pay zones in existing fields (fig. 1; tables 2, 3, and 4) were discovered in 1971. The discoveries do not significantly increase reserves of crude oil or natural gas.

Of the new fields, two produce from Mississippian strata, one produces from Devonian, and one produces from Silurian. Of the 20 extensions, one produces from Pennsylvanian rocks, 12 are from Mississippian, one is from Devonian, and six are from Silurian. One of the new pay zones is in Pennsylvanian strata, five are in Mississippian, and two are in Devonian.

Of the new fields, Iuka South in Marion County had two wells in the McClosky at the end of the year, each with an initial daily production of 130 barrels of oil; Dawson field in Sangamon County had only one small Silurian well that has been plugged and abandoned; Elkton North field in Washington County had four wells in the Hardin sand (Devonian) with initial production figures ranging from 15 to 116 barrels of oil per day; and Stiritz field in Williamson County had two wells, the discovery well, which initialed for 138 barrels of oil per day from the Aux Vases, and a gas well in the Tar Springs which had an initial daily production of 4.3 million cubic feet. Except for Dawson field, additional development drilling is expected in the new fields.

### Exploration

Of the 542 new oil and gas tests, 154 (28.4 percent) were wildcats (half a mile or more from production). Twenty-two of the wildcats were completed as producers, resulting in a success ratio of 14.3 percent. Of the 85 wildcats drilled 1/2 to 1 1/2 miles from production, 18 were completed as producers, a success ratio of 21.2 percent. Only four of the 69 wildcats drilled more than 1 1/2 miles from production were completed as producers, a success ratio of 5.8 percent.

Of the 44 counties in which there was drilling in 1971, 37 had at least one wildcat test. Williamson County led with 15 wildcats, followed by Sangamon (14), Christian (13), and Washington (11). All other counties had less than 10 wildcats each.

There were four successful tests for deeper pays in fields in 1971, namely, the discovery of Carper production in Johnston South field, Devonian production in Mattoon field, Aux Vases production in Orchardville North field, and McClosky production in Bowyer field. Although gas

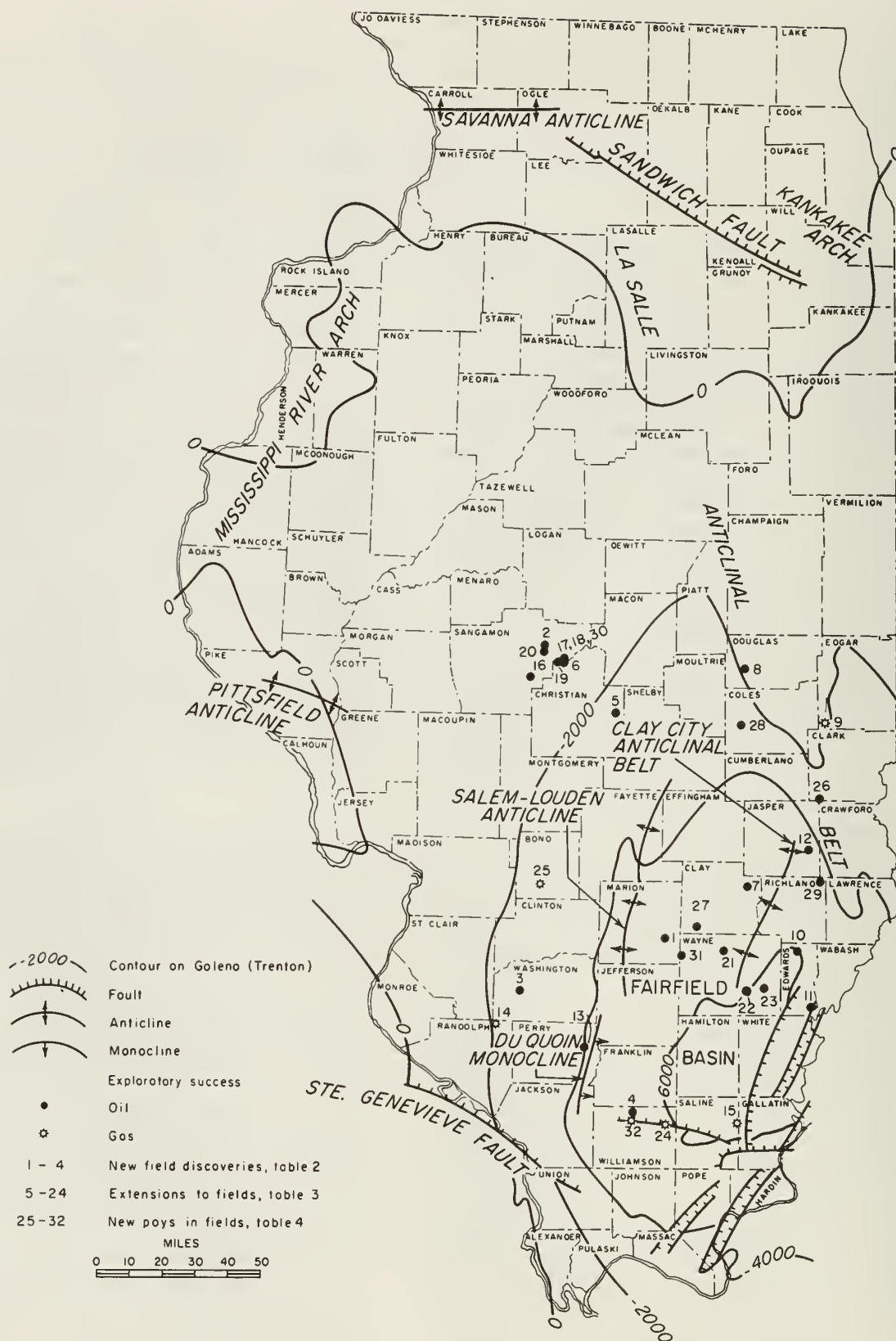


Fig. 1 - Major tectonic features of Illinois and their relations to significant holes drilled during 1971. Numbered holes shown are listed in tables 2, 3, and 4.



had been discovered in the Devonian in Mattoon some years ago, the 1971 discovery is the first Devonian oil production in the field. Three unsuccessful deeper-pool tests were drilled in 1971, namely, a St. Louis test in Schnell East field, a Ste. Genevieve test in Ashley East field, and a Devonian test in Johnsonville Consolidated field.

No very deep tests were drilled in Illinois in 1971. The deepest well was a 5,485-foot Devonian test in Goldengate Consolidated field, where the Devonian already produces and is the deepest production in the state. The well was dry and abandoned. An old Devonian test in Johnsonville Consolidated field was deepened from 5,200 feet to 5,302 feet, still in the Devonian. It, too, was dry. Salem is the deepest pay zone in Johnsonville Consolidated. Otherwise there were no tests below the Mississippian in the deep part of the Illinois Basin. In Williamson County, at the southern edge of production in Illinois, a Devonian test was drilled in Section 25, T. 8 S., R. 3 E. Total depth was 4,730 feet. A drill-stem test in the Devonian recovered 12 feet of oil-cut mud. The well was completed as dry and abandoned.

Exploration for Silurian reef production continued in 1971, especially in southwestern Illinois and in the Christian and Sangamon Counties area. The greatest success was the extension of production in Roby East field in Christian and Sangamon Counties. Twenty-five wells were completed in the field during the year. Initial daily production for these wells averaged over 100 barrels of oil per well, with one well initialing for 450 barrels.

Near Ingraham in Clay County, in a small area surrounded by dry holes but within a mile of production to the east and west that goes back to the early 1940's, eight Ste. Genevieve producers were completed with daily initial production averaging 85 barrels of oil. One well initialed for 306 barrels. This oil was found as the result of detailed stratigraphic study. Appreciable oil can probably still be found in the shallower horizons of Illinois if similar studies are made.

Exploration for Silurian reef production is expected to continue in 1972. Interest in the pre-Mississippian possibilities of the Rough Creek Fault Zone and the northern Mississippi Embayment area is expected to result in some drilling. Although only one well reported in this faulted area in 1971 reached as deep as the De-

vonian, the geologic knowledge derived from the drilling is expected to lead to deeper drilling. Also, after several years without any very deep drilling, Illinois is anticipating a renewal of deep testing in other parts of the state in 1972.

#### FIELDS REVIVED AND FIELDS ABANDONED

Five formerly abandoned fields were revived in 1971. They are Passport West, Clay County; Kinmundy North, Marion County; Bowyer, Richland County; Roby North, Sangamon County; and Orchardville North, Wayne County.

Nine fields with a combined total of 47 wells and cumulative production of 1.5 million barrels of oil were abandoned in 1971. They are Millersburg, Bond County; Ewing, Franklin County; Roaches, Jefferson County; Virden West, Macoupin County; Harrisburg and Long Branch South, Saline County; Stewardson West, Shelby County; Locust Grove South, Wayne County; and Freemanspur, Williamson County.

#### GEOLOGIC COLUMN

Figure 2 is a generalized geologic column of southern Illinois. It does not show the Pleistocene deposits that cover much of Illinois bedrock, the Tertiary and Cretaceous rocks that occur in a belt across the southern end of the state, nor the approximately 4,000 feet of Ordovician and Cambrian rocks between the base of the St. Peter Sandstone and the top of the Precambrian basement. Pay zones are indicated on the geologic column by black dots.

#### CRUDE OIL RESERVES

Estimated crude oil reserves in Illinois declined 24.4 million barrels, or 10.1 percent, in 1971, as shown by the figures below. The net upward revision of 14.7 million barrels offset only 37.6 percent of the 39.1 million barrel loss due to production. The upward revision is primarily the result of increased reserves in existing fields now being subjected to waterflood operations. New drilling accounted for only a small portion of the increase.

	Millions of barrels
Estimated reserves, 1-1-71	241.4
Withdrawal by 1971 production	39.1
Remainder after production	202.3
Addition by upward revision	14.7
Estimated reserves, 1-1-72	217.0

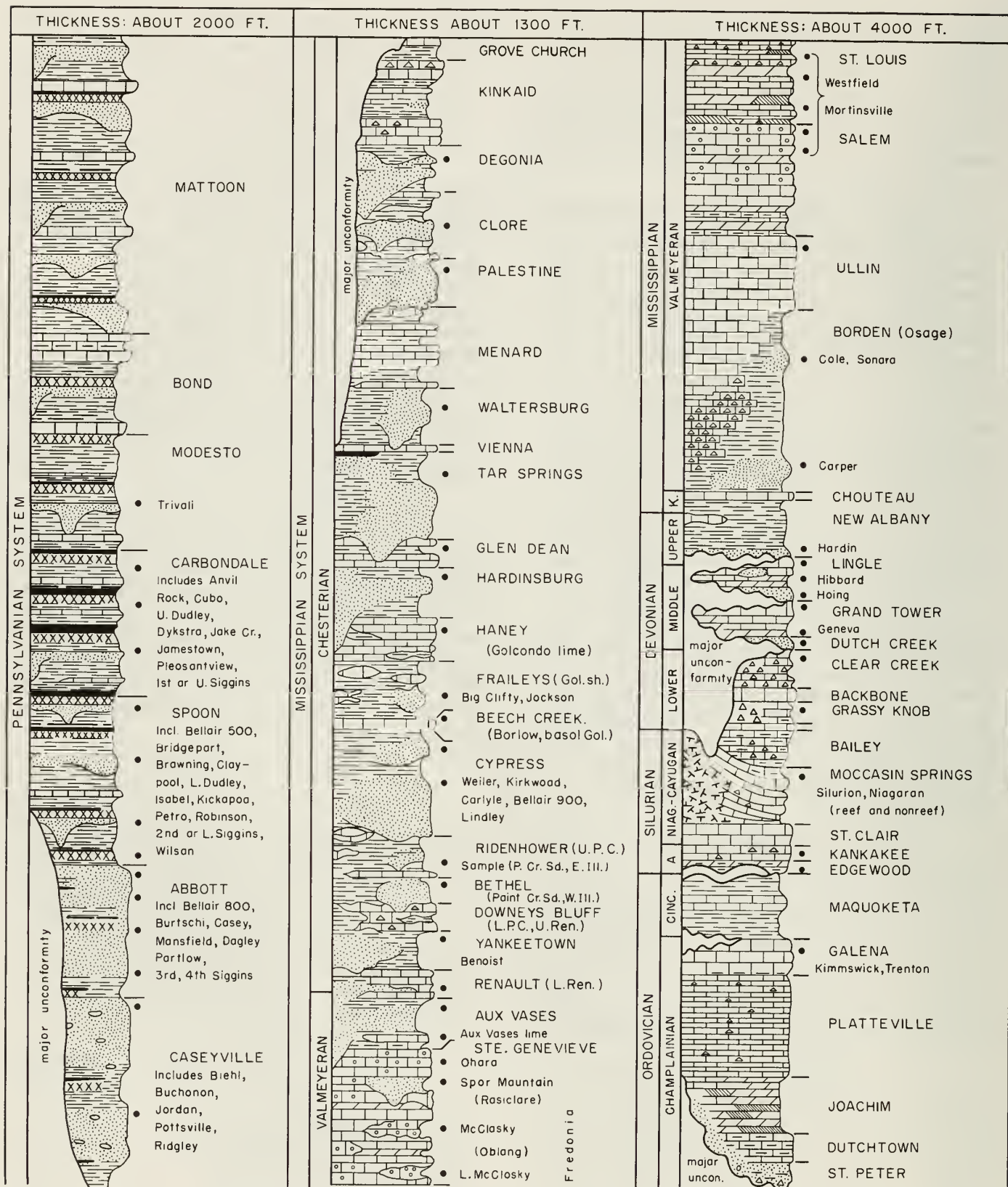


Fig. 2 - Generalized geologic column of southern Illinois. Black dots indicate oil and gas pay zones. Formation names are in capitals; other pay zones are not. About 4,000 feet of lower Ordovician and upper Cambrian rocks under the St. Peter are not shown. Kinderhookian (K), Alexandrian (A), and Cincinnati (Cinc.) Series are abbreviated. Variable vertical scale. (Prepared by David H. Swann.)



## PRODUCTIVE ACREAGE

An estimated 2,390 acres were added to the area of Illinois productive of oil, and an estimated 180 acres were added to the natural gas productive area. Total productive area in Illinois for oil is 587,400 acres and for gas, 34,865 acres. All but a few of the gas wells in Illinois are shut in.

The normal spacing pattern in Illinois for oil wells producing from depths less than 4,000 feet is 10 acres per well for production from sandstone and 20 acres per well for production from limestone. The Oil and Gas Act makes possible (under certain circumstances) the establishment of drilling units, for production less than 4,000 feet deep, in which the spacing is fixed at not less than 10 acres nor more than 40 acres per well.

For wells producing from depths between 4,000 and 6,000 feet, the spacing is 40 acres per well. For wells producing from depths greater than 6,000 feet, it is 160 acres per well.

## GAS PRODUCTION

An estimated 4 billion cubic feet of gas was produced from Illinois wells during 1971, either as solution gas or as gas from separate gas reservoirs.

Approximately 498 million cubic feet of Illinois dry gas was marketed in Illinois during the year, an increase from the 200 million cubic feet marketed in 1970. From Corinth South, Johnston City East, Pittsburg North, and Stiritz fields, all in Williamson County, 228.7 million cubic feet was collected and sold to Murphysboro, Carbondale, Benton, and Du Quoin. From Omaha field in Gallatin County and Raleigh field in Saline County, 30.4 million cubic feet was distributed to various cities in Gallatin and White Counties. From Eldorado East and Harco East fields in Saline County, 239.3 million cubic feet was collected and sold to the cities of Harrisburg and Eldorado. The increase in production came primarily from Corinth South field, which was discovered in 1970, and from Eldorado East field, which had additional gas wells completed in 1971. Production from the only gas field discovered in 1971, Stiritz, was minor.

Table 8 is a list of gas fields in Illinois. Other than the fields mentioned above, all gas fields are shut in or have been converted to gas storage or abandoned.

## UNDERGROUND STORAGE OF LIQUEFIED PETROLEUM GAS

Thirteen caverns, mined from shale or limestone, provide storage capacity for 3,220,000 barrels of liquefied petroleum gases in Illinois (table 5). Propane, butane, propylene and ethane are the gases being stored.

## UNDERGROUND STORAGE OF NATURAL GAS

At the end of 1971, 33 underground natural gas storage projects were either operating, being developed, or being tested in Illinois. Several other reservoirs were being studied for their storage possibilities. Gas is stored in rocks of Pennsylvanian through Cambrian age at depths from 350 to 3,900 feet.

Table 6 lists information about active Illinois storage projects. These could hold as much as 1.7 trillion cubic feet. The amount of this capacity that is likely to be used depends upon the availability of gas, but ultimately it will probably be about 1.2 trillion cubic feet. The amount of gas actually in storage at the beginning of the heating season (fall of 1971) was about 525 billion cubic feet. About half of this was working gas and half was cushion gas not available for withdrawal and delivery to customers.

## STORAGE OF LIQUEFIED NATURAL GAS

At the end of 1971, one new facility was being constructed for the liquefaction and storage of natural gas, by Peoples Gas, Light, and Coke Company, at Mahomet, Champaign County. The plant, scheduled for completion in the fall of 1972, will have a total capacity of 2 billion cubic feet of gas, measured under standard conditions of temperature and pressure. The amount of gas delivered each day will depend upon the short-term need for gas. Gas from this plant will be used to supplement the supply of gas from the underground gas-storage reservoir at Mahomet.

## REFERENCE

Van Den Berg, Jacob, and T. F. Lawry, 1971, Petroleum Industry in Illinois, 1970: Illinois Geol. Survey Ill. Pet. 97, 126 p.

TABLE 1A — SUMMARY OF OIL AND GAS DRILLING ACTIVITY AND OIL PRODUCTION IN 1971

County	Permits to drill	Total completions	Production tests					Service wells				Structure tests	Total footage drilled	Total oil production (bbl)
			New holes		OWWO		Footage drilled	New service wells	Conversions		Footage drilled			
					D&A to prod.*	Prod. to prod. in new psy zones			Were prod.	Other †				
Adams	1	1	1	-	-	-	675	-	-	-	-	-	675	4,034
Bond	9	8	-(1)	4	-(1)	-	4,259	-	1	1	-	-	4,259	53,793
Brown	2	-	-	-	-	-	-	-	-	-	-	-	-	3,623
Champaign	-	-	-	-	-	-	-	-	-	-	-	-	-	203
Christian	41	46	23	20	1	-	80,346	-	1	1	-	-	80,346	417,610
Clerk	6	6	4	2	-	-	7,147	-	-	-	-	-	1,147	442,052‡
Clay	90	104	40	19	5	4	179,669	10	23	3	26,807	-	206,476	1,821,073
Clinton	18	16	3	11	-	-	18,871	-	2	-	-	-	18,871	707,777
Coles	17	15	5(3)	5	1	-	23,869	-	1	-	-	-	23,869	303,060
Crawford	47	48	22(2)	4	1	-	44,498	16	2	-	22,192	1	67,706	1,979,442
Cumberland	4	3	-	2	-	-	5,252	-	1	-	-	-	5,252	‡
De Witt	-	-	-	-	-	-	-	-	-	-	-	-	-	179,886
Douglas	17	10	2	4	-	-	10,263	-	4	-	-	-	10,263	37,552
Edgar	17	17	6(4)	5	-	-	7,540	1	1	-	436	-	7,976	103,093
Edwards	23	10	2	5	-	-	22,814	-	3	-	-	-	22,814	588,273
Effingham	5	4	1	2	-	-	6,841	-	1	-	-	-	6,841	355,763
Fayette	18	23	3	2	1	2	8,357	6	9	-	9,119	-	17,476	4,676,991
Ford	1	1	-	1	-	-	600	-	-	-	-	-	600	-
Franklin	29	25	2	11	1	-	37,123	4	6	1	7,020	-	44,143	772,987
Gallatin	19	29	-	10	-	-	22,982	1	18	-	181	-	23,163	742,291
Hamilton	16	18	1	3	1	-	13,163	-	13	-	-	-	13,163	1,398,855
Hancock	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Jackson	2	4	-	4	-	-	9,308	-	-	-	-	-	9,308	-
Jasper	37	31	14	3	1	1	52,980	4	8	-	1,551	-	54,531	825,455
Jefferson	16	18	2	8	-	-	28,655	1	4	3	1,700	-	30,355	1,095,567
Lawrence	77	62	22	7	1	-	41,076	9	15	2	13,620	6	63,977	4,545,052
Logan	3	1	-	1	-	-	1,572	-	-	-	-	-	1,572	-
McDonough	-	-	-	-	-	-	-	-	-	-	-	-	-	41,899
McLean	3	3	-	3	-	-	2,764	-	-	-	-	-	2,764	-
Macon	1	1	1	-	-	-	2,155	-	-	-	-	-	2,155	7,375
Macoupin	1	3	-(1)	2	-	-	1,403	-	-	-	-	-	1,403	74
Madison	13	8	-	5	-	-	7,752	-	3	-	-	-	7,752	121,175
Marion	57	53	8	10	-	1	39,905	-	31	3	-	-	39,905	3,541,526
Montgomery	-	-	-	-	-	-	-	-	-	-	-	-	-	883
Morgan	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Moultrie	-	-	-	-	-	-	-	-	-	-	-	-	-	3,484
Perry	12	10	3	7	-	-	11,449	-	-	-	-	-	11,449	17,248
Pike	-	1	-	1	-	-	412	-	-	-	-	-	412	-
Pope	-	1	-	1	-	-	3,802	-	-	-	-	-	3,802	-
Randolph	1	3	-(1)	2	-	-	5,655	-	-	-	-	-	5,655	109,922
Richland	39	36	12	12	1	1	75,387	-	8	2	-	-	75,387	1,339,688
St. Clair	9	5	-	5	-	-	8,181	-	-	-	-	-	8,181	82,108
Saline	15	18	-(2)	4	1(1)	-	15,288	-	10	-	-	-	15,288	544,922
Sangamon	57	50	22	25	1	-	82,158	-	1	1	-	-	82,158	144,994
Schuyler	1	1	-	1	-	-	525	-	-	-	-	-	525	-
Shelby	2	2	-	2	-	-	3,615	-	-	-	-	-	3,615	39,489
Tazewell	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Union	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermillion	3	1	-	1	-	-	1,957	-	-	-	-	-	1,957	-
Wsbash	45	63	7	7	1	1	31,935	6	38	3	11,098	-	43,033	1,671,145
Washington	30	26	5	18	1	-	41,932	1	1	-	1,494	-	43,426	682,442
Wayne	93	83	18	17	6	2	114,556	6	29	5	10,503	-	125,059	4,148,989
White	55	56	8	15	1	-	69,557	4	23	5	7,628	-	77,185	5,370,089
Williamson	25	21	1(2)	17	-(1)	-	56,166	-	-	-	-	-	56,166	161,955
TOTAL	982	945	238(16)	288	25(3)	12	1,204,414	69	257	30	113,349	7	1,328,060	39,083,839

\*Gas in parentheses, not included in totals.

†Former D&amp;A and other types of wells, except former producers.

\*Production is combined for Clark and Cumberland Counties.

TABLE 1B — SUMMARY OF UNDERGROUND NATURAL GAS STORAGE DRILLING ACTIVITY IN 1971

County	Permits issued	Total completions	Structure tests	Injection and withdrawal wells		Service wells		Footage
				New wells	Conversions	New wells	Conversions	
Bureau	4	4	4	-	-	-	-	3,138
Champaign	45	40	21	17	-	2	-	93,641
Coles	-	10	-	10	-	-	-	4,931
Edgar	38	32	27	-	-	5	-	33,356
Effingham	1	-	-	-	-	-	-	-
Fayette	62	2	-	-	-	1	1	1,461
Fulton	2	2	2	-	-	-	-	934
Henderson	19	19	19	-	-	-	-	9,527
Henry	7	7	7	-	-	-	-	6,038
Iroquois	-	4	-	-	-	4	-	15,504
Kankakee	20	16	-	2	-	14	-	16,165
La Salle	8	-	-	-	-	-	-	-
Livingston	38	21	21	-	-	-	-	12,821
Logan	38	27	27	-	-	-	-	32,092
McDonough	62	-	-	-	-	-	-	-
McLean	12	13	2	9	-	2	-	43,806
Madison	2	2	-	-	-	-	2	-
Mason	3	3	3	-	-	-	-	1,279
Mercer	1	-	-	-	-	-	-	-
Montgomery	3	5	-	1	1	1	2	8,327
Morgan	1	1	-	-	-	1	-	3,740
Peoria	7	10	-	10	-	-	-	8,457
Randolph	16	16	2	9	5	-	-	9,409
Schuyler	3	3	3	-	-	-	-	1,114
Stark	8	4	4	-	-	-	-	3,334
Vermilion	12	2	2	-	-	-	-	1,753
Warren	6	4	1	3	-	-	-	7,321
Washington	1	1	1	-	-	-	-	850
Will	-	4	4	-	-	-	-	2,482
Woodford	6	6	6	-	-	-	-	7,272
TOTALS	425	258	156	61	6	30	5	328,752

TABLE 2 — FOUR NEW FIELD DISCOVERIES IN 1971

Map no. (Fig. 1)	County and location	Operator, well no., and farm	Field	Initial daily prod. oil/water (bbl)	Pay zone	Prod. depth (feet)	Total depth (feet)	Comple- tion date
1	Marion 29-2N-4E	Doran Oil Properties #1 Merle Holtslaw	Iuka South	130	McClosky	2,704	2,705	8-27
2	Sangamon 19-16N-3W	Midland Oil Development #1 Morgan Heirs	Dawson	4/60	Silurian	1,646	1,705	4-22
3	Washington 17-2S-4W	M. D. Burkett Oil Prop. #1 Schuetz Comm.	Elkton North	60	Hardin	2,329	2,350	11-9
4	Williamson 12-8S-2E	Brehm Drilling & Producing #1-B Littlefair	Stiritz	138/40	Aux Vases	2,537	2,555	7-1



TABLE 3 — DISCOVERY WELLS OF 20 EXTENSIONS TO FIELDS IN 1971  
(C, Consolidated; E, East; N, North; S, South)

Map no. (Fig. 1)	County and location	Operator, well no., and farm	Field	Initial production oil/water (bbl)	Pay zone	Prod. depth (feet)	Total depth (feet)	Comple- tion date	Remarks
5	Christian 27-13N-1E	Daniel W. Wascher #1 Adcock	Assumption C	15/45	Devonian	2,405	2,405	10-11	
6	Christian 7-15N-2W	Comanche Oil Corp. #1 Tomlin	Roby E	380	Silurian	1,785	1,785	6-28	
7	Clay 6-4N-8E	Bufay Oil Co. #1 Stanley Comm.	Ingraham	104	Spar Mtn.	2,992	2,992	7-27	
8	Douglas 24-15N-7E	Elton M. Botts #2 William Jones	Bourbon C	50	Spar Mtn.	1,676	1,712	8-30-70	
9	Edgar 11-12N-14W	Earnest Zink #1 Hunt	Inclose	gas well	Pennsylvanian	487	487	8-2	Shut in; I. P. not available
10	Edwards 11-1N-10E	Martin Heimrich #1 Miller-Ibbotson Comm.	Parkersburg C	1/1	Spar Mtn.	3,270	3,290	5-5	
11	Edwards 32-2S-14W	M. V. Ring #1 M. Broster Heirs	Albion E	135	Spar Mtn.	3,061	3,092	12-8	
12	Jasper 7-6N-14W	George L. Loving #1 N. Urfer	Clay City C	30/1	Spar Mtn.	2,680	2,785	5-12	
13	Perry 4-5S-1W	Leonard E. Bixby #1 Hampleman	Tamara S	20/20	Cypress	1,163	1,200	7-30-70	
14	Randolph 6-4S-5W	R. E. Linders #1 Owen's Comm.	Tilden N	gas well	Cypress	861	2,400	1-4	Shut in; I. P. not available
15	Saline 25-8S-7E	Shawnee Petroleum Assoc. #1 Mary McDaniels	Eldorado E	2,000 MCFG	Tar Springs	2,198	2,201	3-30	OWWO; was D&A
16	Sangamon 4-14N-4W	Midland Oil Develop. #1 Beam	New City	15/80	Silurian	1,692	1,726	8-2	OWWO; was D&A
17	Sangamon 6-15N-2W	Louis H. Kapp, Jr. #1 Hawk	Roby E	100	Silurian	1,748	1,765	11-4	
18	Sangamon 7-15N-2W	Homeier Oil Assoc. #1 Mooney	Roby E	170	Silurian	1,810	1,810	4-20	
19	Sangamon 14-15N-3W	Boyd Marquand #1 John W. George	Roby E	oil well	Silurian	1,810	1,905	1-6	I. P. not available
20	Sangamon 31-16N-3W	J. U. Dodge #1 March	Roby N	24/40	Silurian	1,664	1,673	4-27	
21	Wayne 7-1N-7E	Republic Oil Co. #1 Loss	Clay City C	112	McClosky	3,242	3,310	6-19	
22	Wayne 8-2S-8E	M. V. Ring #1 C. Simpson	Clay City C	55	McClosky	3,320	3,320	1-12	
23	Wayne 6-2S-9E	Midwest Oil Prod. #1 P. A. Gill	Goldengate NC	62	McClosky	3,421	3,421	9-7	
24	Williamson 33-8S-4E	Brehm Drilling & Prod. #1 Gent	Corinth S	gas well	Hardinsburg	2,132	2,132	8-17-70	I. P. not available

TABLE 4 - DISCOVERY WELLS OF 8 NEW PAY ZONES IN FIELDS IN 1971  
(N, North; S, South; E, East)

Map no. (fig. 1)	County and location	Operator, well no., and farm	Field	Initial production oil/water (bbl)	New pay zone	Prod. depth (feet)	Total depth (feet)	Comple- tion date	Remarks
25	Bond 7-4N-3W	Dolphin Operating Co. #1 A. Neumann	Stubblefield S	22 MCFG	Pennsylvanian	586	659	6-3	OWWO; was D&A
26	Clark 34-9N-14W	Vuko Gas & Oil Co. #1 Sellers-E	Johnson S	12/15	Carper	1,766	1,830	8-13	
27	Clay 2-2N-5E	Caesar J. Casolari #2 Charles Pickering et al.	Kenner S	87/10	Aux Vases	2,774	2,983	1-4	OWWO; was D&A; well also produces from Spar Mtn.
28	Coles 11-12N-7E	James R. Covington #1 Taylor	Mattoon	40/40	Devonian	3,171	3,171	12-27-70	
29	Richland 35-5N-14W	Zanetis Oil Prop. #1 Pauley	Bowyer	35	McClosky	2,876	2,950	9-7	
30	Sangamon 6-15N-2W	Jack D. Kuykendall #1 Fishburn	Roby E	288	Devonian	1,759	1,771	11-15	Well also produces from Silurian
31	Wayne 19-1N-5E	Joe A. Dull #1 Hubert Brashear	Orchardville N	162	Aux Vases	2,786	2,829	10-19	
32	Williamson 12-8S-2E	Brehm Drilling & Prod. #1-B Novinsky	Stiritz	4,300 MCFG	Tar Springs	1,951	2,556	9-21	

TABLE 5 - UNDERGROUND STORAGE FACILITIES FOR LIQUEFIED  
PETROLEUM GASES IN ILLINOIS, JANUARY 1, 1972

Company	Location	Type of storage	Approx. depth (ft)	Stratigraphic unit	Capacity (bbl)	Product
General Facilities, Inc.	Wood River, Madison County	Mined limestone	400	Valmeyeran (Mississippian)	80,000	Propane
Hydrocarbon Transportation, Inc.	Morris, Grundy County	Mined shale	1,450	Eau Claire	150,000	Ethane
Hydrocarbon Transportation, Inc.	Lemont, Will County	Mined shale	304	Maquoketa	250,000	Propane
		Mined shale	358	Maquoketa		Butane
Mid-America Pipeline Co.	Farmington, Peoria County	Mined shale	260	Pennsylvanian	440,000	Propane
Phillips Petroleum Co.	Kankakee, Kankakee County	Mined shale	300	Maquoketa	260,000	Propane
Shell Oil Co.	Wood River, Madison County	Mined limestone	430	Valmeyeran	500,000	Butane
	Wood River, Madison County	Mined limestone		(Mississippian)	232,000	Propane
Tuloma Gas Products Co.	Wood River, Madison County	Mined limestone	400	Valmeyeran	190,000	Propane
	Wood River, Madison County	Mined limestone		(Mississippian)	50,000	Propylene
U.S. Industrial Chemicals Co.	Tuscola, Douglas County	Mined limestone	350	Pennsylvanian	170,000	Propane
	Tuscola, Douglas County	and siltstone			800,000	Propane
Warren Petroleum Corp.	Crossville, White County	Mined shale	-	Pennsylvanian	52,000	LP-gas
WILLBROS	Eola (Aurora), Du Page County	Mined shale	220	Maquoketa	46,000	LP-gas
TOTAL					3,220,000	

TABLE 6 - UNDERGROUND NATURAL GAS STORAGE

Project	Company	County Township Range	Operational dates (initial)			Number of wells			Geologic data			
			Devel- opment	Stor- age	With- drawal	Oper- ating	Obser- vation	Other	Stratigraphic unit	Lithol- ogy	Trap	Native fluid
Ancona	Northern Illinois Gas Co.	La Salle & Liv- ingston 29, 30 N-2, 3E	1961	1963	1965	86	22	—	Mt. Simon	sand	dome	water
Ashmore	Central Illinois Public Service	Coles & Clark 12N 10E, 11E, 14W	1960	1963	1963	44	6	—	Spoon Salem	sand lime	anti- cline	gas
Centralia East	Illinois Power Co.	Marion 1N 1E	1960	1964	1966	16	5	—	Pennsylvanian	sand	strati- graphic	gas
Cooks Mills	Natural Gas Pipe- line Co.	Coles & Douglas 14N 7, 8E	1956	1957	1958	24	5	4	Cypress Spar Mountain ("Rosiclare")	sand	lens	gas
Crescent City	Northern Illinois Gas Co.	Iroquois 26, 27N 13W	1959	1967	(testing 1970) (in exploration, 1970)	6	22	0	St. Peter	sand	dome	water
Eden	Illinois Power Co.	Randolph 5S, 5W	1970	1971	1971	4	9	—	Mt. Simon Cypress	sand sand	dome strati- graphic	water gas
Elbridge	Midwestern Gas Transmission Co.	Edgar 12, 13N 11W	1961	1964	1966	12	7	0	Grand Tower	lime	drape over reef	water
Freeburg	Illinois Power Co.	St. Clair 1, 2S 7W	1958	1959	1959	87	3	—	Cypress	sand	strati- graphic	gas
Gillespie- Benld	Illinois Power Co.	Macoupin 8N 6W	1958	1958	1959	7	0	—	Pennsylvanian	sand	strati- graphic	gas
Glasford	Central Illinois Light Co.	Peoria 7N 6E	1960	1964	1964	28	14	—	Niagaran	dolo- mite	dome	water
Herschel	Natural Gas Pipe- line Co.	Kankakee 30N 10E	1952 1957	1953 1957	1953 1958	60 56	60 19	80 —	Galesville Mt. Simon***	sand sand	anti- cline anti- cline	water water
Herschel- Northwest	Natural Gas Pipe- line Co.	Kankakee 30, 31N 9E	1969	1969	1970	12	12	1	Mt. Simon***	sand	anti- cline	water
Hillsboro	Illinois Power Co.	Montgomery 9, 10N-3W	1972	—	—	—	5	—	St. Peter	sand	dome	water
Hookdale	Illinois Power Co.	Bond 4N 2W	1962	1963	1963	10	4	—	Yankeetown ("Benoist")	sand	strati- graphic & struc- tural	gas
Hudson	Northern Illinois Gas Co.	McLean 2, 3E 24, 25N	1970	1971	1971	7	7	—	Mt. Simon	sand	anti- cline	water
Lake Bloomington	Northern Illinois Gas Co.	McLean 25, 26N 2, 3E	1971	1971		12	9	—	Mt. Simon	sand	anti- cline	water
Leaf River	Northern Illinois Gas Co.	Ogle 25N 9E		(abandoned)		2	7	—	Eau Claire	sand	anti- cline	water
Lexington	Northern Illinois Gas Co.	McLean 25N, 3, 4E	1971	1971	—	2	6	—	Mt. Simon	sand	anti- cline	water
Lincoln	Central Illinois Light Co.	Logan 19N-3W	1971	1971	—	1	4	—	Silurian	dolo- mite	dome	water
Loudon	Natural Gas Pipe- line Co.	Fayette 7, 8, 9N 3E	1969	1969	1970	44	80	21	Grand Tower	lime	anti- cline	oil
Mahomet	Peoples Gas, Light & Coke Co.	Champaign 21N 7E	1960	1964	1966	52	12	—	Mt. Simon	sand	anti- cline	water
Nevins	Midwestern Gas Transmission Co.	Edgar 12, 13N 11W	1961	1965	1966	14	7	0	Grand Tower	lime	drape over reef	water
Pecatonica	Northern Illinois Gas Co.	Winnebago 27N 10E	1969	1969	1970	4	14	0	Eau Claire	sand	dome	water
Pontiac	Northern Illinois Gas Co.	Livingston 27, 28N 6E	1969	1969	1970	40	13	2	Mt. Simon	sand	dome	water
Richwoods	Gas Utilities Co.	Crawford 6N-11W	1966	1966	1966	3	1	0	Pennsylvanian	sand	—	gas
St. Jacob	Mississippi River Transmission Corp.	Madison 3N, 6W	1963	1963	1965	10	3	2	St. Peter	sand	dome	water
Shanghai	Illinois Power Co.	Warren 12N, 1W	1970	1971	1971	5	6	—	Galesville	sand	dome	water
State Line	Midwestern Gas Transmission Co.	Clark, Ill., †† & Vigo, Ind. 12N-10W	1961	1962	1964	9	6	0	Grand Tower	lime	drape over reef	water
Tilden	Illinois Power Co.	St. Clair & Washington 3S-5, 6W	1957	1961	1961	45	14	—	Cypress	sand	strati- graphic	gas
Troy Grove	Northern Illinois Gas Co.	La Salle 34, 35N-1E	1957	1958	1959	95	28	—	Eau Claire Mt. Simon	sand	dome	water
Tuscols	Panhandle Eastern Pipeline Co.	Douglas & Champaign 16, 17N-8E		(being tested)		3	2	0	Mt. Simon	sand	dome	water
Waterloo	Mississippi River Transmission Corp.	Monroe 1, 2S 10W	1950	1951	1951	6	6	22	Ordovician	sand & dolo- mite	dome	water
Waverly	Panhandle Eastern Pipeline Co.	Morgan 13N 8W	1952	1954	1961	50	19	22	St. Peter	sand	dome	water
			1969	1969	1970	9	4	0	Galesville	sand	dome	water

\*Million cubic feet.

\*\*Current storage; ultimate capacity not available.

\*\*\*Includes Elmhurst Member of overlying Eau Claire Formation.

†Inert gas.

††15 percent in Illinois; 85 percent in Indiana.

## PROJECTS IN ILLINOIS January 1, 1972

Reservoir data						Capacities (MMcf)*			Max. vol. in storage 1971 (MMcf)	Withdrawals (MMcf)		Project
Area in acra		Depth (feet)	Thickness or closure (feet)	Average porosity (%)	Average permeability (millidarcys)	Potential, cushion and working	Dec. 31, 1971			Peak daily, 1971	Total, 1971	
Storage	Closure						Working	Cushion				
—	12,840	2,154	290	12.3	114	200,000	41,500	62,200	103,700	450	27,000	Ancona
—	1,600	400	4-80	15.0	up to 3,000	3,575	1,546	1,991	3,570	36	673	Ashmore
463	—	812	49	18.2	200	624	207	416	624	16	271	Centralia East
—	1,500	1,600	40	16.0	67	4,500**	2,759	1,567	4,326	74	2,401	Cooka Mills
—	16,725	1,200	150	14.5	138	35,000	0	2,044	2,091	0.5	47	Crescent City
—	1,000	875	18	20.6	168	200,000 2,493	0 544	0 868	0 1,413	0 5	0 13	Eden
—	1,691	1,925	145	17.5	18	7,950	761	5,865	7,015	29	1,142	Elbridge
4,222	—	350	47	21.5	216	6,855	2,217	4,635	6,855	42	945	Freeburg
113	—	510	28	16.0	326	147	31	116	147	5	23	Gillespie- Benld
—	3,200	800	30-120	12.0	426	11,038	5,519	5,519	11,038	134	3,090	Glasford
6,750 7,500	8,000 8,000	1,750 2,450	100 80	18.0 12.0	467 185	50,000 67,000	16,081 22,260	23,283 30,704	40,935 57,531	803 205	18,208 13,647	Herscher
—	3,000	2,200	58	15.0	82	17,000	3,171	5,442	8,619	29	405	Herscher- Northwest
4,000	—	3,150	100	16.0	250	5,700	0	0	0	0	0	Hillaboro
414	28	1,125	28	20.3	458	1,054	765	285	1,054	32	579	Hookdale
—	12,800	3,800	175	11.0	45	235,000	0	2,210	2,329	16	119	Hudson
—	10,600	3,525	97+	11.0	45	150,000	2,778	11,116	13,894	0	0	Lake Bloomington
—	—	810	80	20.0	—	15,000	—	—	348†	0	0	Leaf River
—	14,300	—	—	—	—	200,000	0	329	329	0	0	Lexington
3,000	10,000	1,300	85	12.0	250	20,000	0	209	209	0	0	Lincoln
—	22,857	3,050	146	15.0	—	75,000	12,131	20,296	34,956	230	11,355	Loudon
—	13,370	3,950	116	11.0	15	100,000?	14,386	51,006	67,964	297	4,329	Mahomet
—	1,650	1,975	90	16.5	25	6,749	928	5,385	6,749	29	1,482	Nevins
—	2,600	800	38	19.0	—	2,500	887	1,330	2,217	14	173	Pecatonica
—	—	1,000	240-675	15.0	156	40,000	7,967	14,776	22,743	82	3,280	Pontiac
—	—	700	—	—	—	55	37	15	52	1	16	Richwooda
550	650	2,860	100	14.0	400+	5,600	1,800	3,800	5,600	59	1,783	St. Jacob
—	1,850	2,000	95	15.2	246	11,000	800	3,586	4,386	20	59	Shanghai
—	496	1,860	91	17.3	47	4,700	777	3,635	4,633	13	1,152	State Line
1,287	—	800	32	20.8	183	3,175	1,320	1,820	3,175	47	962	Tilden
—	9,600	1,420	100	17.0	150	72,000	28,300	29,600	65,600	870	26,400	Troy Grove
—	—	4,000	—	—	—	60,000	0	752	752	1	11	Tuscola
100	300	1,650	100	vuggy	—	250	108	100	241	6	51	Waterloo
1,500	7,000	1,800	115	18.0	1,220	150,000	6,275	17,658	25,226	217	9,843	Waverly
—	—	3,500	68	—	—	127,000	2,370	11,412	14,045	28	1,194	—

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971

## Explanation of Abbreviations and Symbols

- Pool: N, North; S, South; E, East; W, West; C, Consolidated; Cen, Central. Pools located in two or more counties have county names listed in order of oil discovery.
- Age: PC, Precambrian; ORD, Ordovician; SHK, Shakopee; STP, St. Peter; TRN, Trenton; SIL, Silurian; DEV, Devonian; DVS, Devonian-Silurian; MIS, Mississippian; PEN, Pennsylvanian.
- Kind of rock in pay zone: D, dolomite; DS, sandy dolomite; L, limestone; LS, sandy limestone; OL, oolitic limestone; S, sandstone.
- ABD: Pool abandoned.
- REV: Pool revived.
- Structure: A, anticline; C, accumulation due to change in character of rock; D, dome; F, faulting; H, strata horizontal or nearly horizontal; L, lens; M, monocline; N, nose; R, reef; T, terrace; U, unconformity. Combinations of the letters are used when more than one factor applies.
- + Pool listed in Table 8 (gas production).
- ++ Illinois portion only.
- # Acreage is included in the immediately preceding figure.



TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. *API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
A8 LAKE, GALLATIN, 8S, 10E																
			1947	80	3.7	100.5	9	0	0					M	MIS	2953
	PENNSYLVANIAN	805	1957	40			3	0	0				S	10	M	
	PALESTINE, MIS	1835		10			1	0	0				S	5	MF	
	WALTERSBURG, MIS	2000	1957	40			3	0	0				S	10	M	
	RENAULT, MIS	2735		20			2	0	0		35		L	8	MF	
	AUX VASES, MIS	2770		10			1	0	0		35		S	9	MF	
A8 LAKE SOUTH, GALLATIN, 9S, 10E																
	AUX VASES, MIS	2798	1959	10	0.0	3.8	1	0	0	0			S	6	M	MIS 2982
				A80	1963											
*A8 LAKE WEST, GALLATIN, 8-9S, 9-10E																
			1950	450	2.8	523.9	33	0	1	15				M	MIS	2964
	PENNSYLVANIAN	725		50			3	0	0				S	10	ML	
	WALTERSBURG, MIS	2020	1956	300			19	0	1	37			S	20	ML	
	TAR SPRINGS, MIS	2075	1958	30			2	0	0				S	10	ML	
	CYPRESS, MIS	2425		10			1	0	0				S	9	ML	
	AUX VASES, MIS	2735		160			17	0	0				S	6	ML	
	MCCLOSKEY, MIS	2830		10			1	0	0				L	2	MC	
*A8EN C, WAYNE, HAMILTON, 2-3S, 7E																
			193R	2380	244.4	12850.7	125	0	1	56				A	OEV	5434
	AUX VASES, MIS	3200		1570			64	0	1		39		S	10	A	
	OHARA, MIS	3290		2010			7	0	0		35		L	7	A	
	SPAR MTN, MIS	3320		#			5	0	0		35		LS	5	AC	
	MCCLOSKEY, MIS	3350		#			79	0	0		35		L	4	A	
	SALEM, MIS	3735		60			9	0	0		36		L	16	AC	
	ULLIN, MIS	4132	1959	50			4	0	0				L	16	AC	
	LINGLE, OEV	5182	1968	10			1	0	0				S	10		
	OUTCH CREEK, OEV	5318	1959	30			3	0	0				S	10	A	
A8EN EAST, WAYNE, 2S, 7E																
	MCCLOSKEY, MIS	3434	1961	10	0.0	0.0	1	0	0	0			OL	6		MIS 3552
				A80	1961											
*A8EN SOUTH, HAMILTON, 3S, 7E																
			1945	330	0.0	830.6	27	0	1	8				A	OEV	5462
	AUX VASES, MIS	3245		170			9	0	0				S	8	AL	
	OHARA, MIS	3310		330			2	0	0				L	7	AC	
	SPAR MTN, MIS	3330		#			8	0	0				LS	8	AC	
	MCCLOSKEY, MIS	3395		#			17	0	1	38			L	9	AC	
*AKIN, FRANKLIN, 6S, 4E																
			1942	750	35.1	2321.3	58	0	0	35				A	MIS	3515
	CYPRESS, MIS	2840		220			14	0	0		33	0.14	S	10	AL	
	AUX VASES, MIS	3100		510			39	0	0		37	0.12	S	22	AL	
	OHARA, MIS	3100	1956	70			4	0	0		38		L	18	AC	
	MCCLOSKEY, MIS	3270		#			1	0	0				L	9	AC	
AKIN WEST, FRANKLIN, 6S, 4E																
			1948	120	8.4	190.8	9	0	0	7				A	OEV	5185
	CYPRESS, MIS	2715		30			2	0	0				S	8	AL	
	OHARA, MIS	3050		70			2	0	0	37			L	10	AC	
	SPAR MTN, MIS	3080		#			1	0	0				L	12	AC	
	MCCLOSKEY, MIS	3130		#			3	0	0	39			L	4	AC	
	SALEM, MIS	3663	1962	10			1	0	0				L	10		
	ULLIN, MIS	3994	1962	20			2	0	0	37			L	10		
ALBION CEN, EDWARDS, 2S, 10E																
			1955	110	0.0	136.0	7	0	0	2						MIS 3510
	OHARA, MIS	3350		110			7	0	0		37		L	5		
	MCCLOSKEY, MIS	3395		#			1	0	0				L	4		
*ALBION C +, EDWARDS, WHITE, 1-3S, 10-11E, 14W																
			1940	5650	450.7	28393.4	483	0	8	193				AM	OEV	5185
	MANSFIELD, PEN	1650		1950			6	0	0		28		S	5	MF	
	BRIDGEPORT, PEN	1900		#			30	0	0		29	0.16	S	15	MF	
	RIEHL, PEN	2000		#			157	0	0		37	0.16	S	15	MF	
	OEGONIA, MIS	2125		10			2	0	0		35		S	9	MF	
	WALTERSBURG, MIS	2365		690			67	0	0		36		S	16	AL	
	TAR SPRINGS, MIS	2460		140			10	0	0		37		S	5	AL	
	HAROLDSBURG, MIS	2635		70			6	0	0		36		S	10	A	
	CYPRESS, MIS	2860		510			44	0	0		37		S	15	A	
	BETHEL, MIS	2960		900			56	0	2		35		S	14	AF	
	BENOIST, MIS	3000		170			11	0	0		34		S	13	AF	

(CONTINUED ON NEXT PAGE)



TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. *API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
ASHMORE S +, COLES, CLARK, 12N, 10-11E, 14W																
			1900	310	0.0	41.2	23	0	0	15					TRN	2260
	UNNAMED, PEN	420	1958	310			22	0	0		24		S	0	AL	
	MISSISSIPPIAN	475	1963	20			1	0	0				L	17		
ASSUMPTION CEN, CHRISTIAN, 13N, 1E																
	DEVONIAN	2433	1961	10 A80 1961	0.0	0.0	1	0	0	0			L	4		DEV 2437
*ASSUMPTION C, CHRISTIAN, 13-14N, 1E																
			1948	2430	142.7	9775.2	186	1	7	72					AL	3070
	BENOIST, MIS	1050		590			46	0	2		36		S	13	A	
	SPAR MTN, MIS	1170		220			17	0	4		40		S	4	AL	
	LINGLE, DEV	2300		2270			125	1	1		38		L	8	A	
ASSUMPTION S, CHRISTIAN, 12N, 1E																
	LINGLE, DEV	2630	1951	50	0.5	18.9	3	0	0	1	39		L	15		DEV 2740
AVA-CAMPBELL HILL +, JACKSON, 7S, 3-4W																
	CYPRESS, MIS	780	1916	140 ABC 1943, REV 1956, A80 1957	0.0	25.0	16	0	0	0			S	18	A	TRN 3582
BALOWIN, RANDOLPH, 4S, 6W																
	SILURIAN	1535	1954	30	0.3	10.4	3	0	0	1	32		L	0	R	TRN 2234
*BARNHILL, WAYNE, WHITE, 2-3S, 8E																
			1939	1900	35.5	6002.7	161	0	6	25					A	DEV 5500
	AUX VASES, MIS	3325		960			76	0	4		39		S	15	AL	
	OHARA, MIS	3370		1140			8	0	1				OL	6	AC	
	SPAR MTN, MIS	3400		#			10	0	1				LS	9	AC	
	MCCLOSKEY, MIS	3450		#			74	0	1		38	0.17	OL	15	AC	
	ST LOUIS, MIS	3520		10			1	0	0				L	7	AC	
	SALEM, MIS	3795		30			3	0	0		39		L	8	AC	
*BARTELSON, CLINTON, 1-2N, 3W																
			1936	580	6.0	3944.8	108	0	3	46					0	STP 4212
	CARLYLE(CYP), MIS	985		380			71	0	3		36	0.20	S	15	0	
	SILURIAN	2420		380			38	0	0		40	0.27	L	12	R	
*BARTELSON E, CLINTON, 1N, 3W																
	SILURIAN	2550	1950	210	12.9	872.0	21	0	0	18	42		L	7	R	SIL 2788
BARTELSON S, CLINTON, 1N, 3W																
	DEVONIAN	2475	1942	60 A80 1962	0.0	23.7	3	0	0	0	40	0.15	L	3	A	DEV 2652
BARTELSON W, CLINTON, 1N, 3-4W																
			1945	260	2.2	78.4	19	0	0	10					A	SIL 2600
	CYPRESS, MIS	960	1945	260			16	0	0		36		S	15	A	
	SILURIAN	2439	1961	10			1	0	0				L	7	A	
*BEAUCOUP, WASHINGTON, 2S, 2W																
			1951	280	4.6	369.2	14	0	0	10					A	TRN 4192
	CLEAR CREEK, DEV	3050		280			14	0	0		39		L	12	A	
	TRENTON, ORD	4095		10			1	0	0				L	5	A	
*BEAUCOUP S, WASHINGTON, 2S, 2W																
	BENOIST, MIS	1430	1951	260	18.4	963.3	22	0	0	13	35		S	9	AL	DEV 3122
*BEAVER CREEK, BOND, CLINTON, 3-4N, 2-3W																
	BENOIST, MIS	1130	1942	180	5.1	260.3	17	0	0	7	34	0.25	S	6	A	SIL 2558
BEAVER CREEK N, BOND, 4N, 3W																
	BENOIST, MIS	1115	1949	80 ARC 1954, REV 1958, A80 1964	0.0	0.7	6	0	0	0	24		S	4	A	DEV 2556

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. API		Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
											Sul- fur (%)					
*BEAVER CREEK S +, CLINTON, 80N, 3-4N, 2-3W																
			1946	570	13.6	651.7	51	0	0	28				A	SIL	2606
	CYPRESS, MIS	1005		10			1	0	0				S	20	A	
	BENOIST, MIS	1140		560			50	0	0	35		S	5	A		
BECKEMEYER GAS +, CLINTON, 2N, 3W																
	CYPRESS, MIS	1070	1956	10	0.0	0.0	1	0	0	0		S	23		SIL	2730
							ABD	1958								
*BELLAIR, CRAWFORD, JASPER, 8N, 14W																
			1907	2220	0.0	0.0	540	2	4	69				AM	DEV	2063
	(500 FT), PEN	560		2130			315	0	0		29		S	30	AM	
	(800 FT), PEN	815		#			76	0	1		37		S	0	AM	
	(900 FT), MIS	885		#			189	0	1		37		S	0	AM	
	CYPRESS, MIS	950		50			4	0	1				S	4	AM	
	BENOIST, MIS	1000		405			4	0	0				S	10	AM	
	RENAULT, MIS	830		30			6	0	0				S	6	AM	
	AUX VASES, MIS	800		220			11	0	1		38		S	0	AM	
	OHARA, MIS	860		30			1	0	0				L	4	A	
	CARPER, MIS	1748	1969	50			4	2	0				S	14		
							SEE CLARK COUNTY DIV. FOR PRODUCTION									
BELLE PRAIRIE, HAMILTON, 4S, 6-7E																
			1940	330	29.8	961.9	19	0	0	8				A	DEV	5483
	AUX VASES, MIS	3250		30			3	0	0		37		S	8	AC	
	MCCLOSKEY, MIS	3420		300			17	0	0		38	0.12	L	6	AC	
BELLE PRAIRIE W, HAMILTON, 4S, 5E																
	ULLIN, MIS	4206	1959	10	0.0	0.5	1	0	0	0			L	6		MIS
				ABD	1960											4389
BELLE RIVE, JEFFERSON, 3S, 4E																
	MCCLOSKEY, MIS	3085	1943	110	2.6	387.7	6	0	0	4	37	0.50	L	6	AC	MIS
																4200
BELLMONT, WABASH, 1S, 13-14W																
			1951	30	0.0	73.0	4	0	0	1				M	MIS	3006
	BETHEL, MIS	2650		10	0.0	11.0	1	0	0				S	7	ML	
	OHARA, MIS	2840		20	0.0	62.0	3	0	0		40		L	7	MC	
*BEMAN, LAWRENCE, 3N, 11W																
			1942	530	3.1	305.4	33	0	0	10				A	MIS	2000
	AUX VASES, MIS	1805		100			8	0	0				S	20	AL	
	STE. G, MIS	1850		440			29	0	0		38		L	7	AC	
BEMAN E, LAWRENCE, 3N, 10W																
			1947	100	0.0	116.0	7	0	0	0				A	MIS	1974
	AUX VASES, MIS	1805		30			3	0	0				S	20	AL	
	STE. G, MIS	1860		110			6	0	0				L	7	AC	
							ABD 1960, REV 1965, ABD 1969									
BENNINGTON S, EDWARDS, 1N, 10E																
	MCCLOSKEY, MIS	3240	1944	10	0.0	10.4	1	0	0	0			L	8	MC	MIS
				ABD	1946											3420
*BENTON, FRANKLIN, 6S, 2-3E																
			1941	2360	137.5	39616.5	267	0	3	87				A	TRN	6250
	PENNSYLVANIAN	1700		20			2	0	0				S	9	AL	
	TAR SPRINGS, MIS	2100		2360			248	0	3		39		S	10	A	
	AUX VASES, MIS	2752	1959	300			21	0	0		38		S	15	A	
	OHARA, MIS	2804	1959	190			13	0	0				L	8	A	
	MCCLOSKEY, MIS	2906	1960	#			5	0	0				OL	4	AC	
	ST. LOUIS, MIS	2990	1960	10			1	0	0				L	6	A	
	ULLIN, MIS	3705	1960	10			1	0	0				L	5	A	
*BENTON N, FRANKLIN, 5-6S, 2E																
			1941	800	95.4	3696.3	79	1	28	19				A	MIS	3700
	CYPRESS, MIS	2460		100			14	0	9		35		S	17	A	
	PAINT CREEK, MIS	2501	1962	380			13	1	6				S			
	BETHEL, MIS	2600		#			21	0	0		38	0.15	S	20	AL	
	AUX VASES, MIS	2685		190			15	0	6		39	0.15	S	10	A	
	OHARA, MIS	2730		460			13	0	4		38	0.70	L		A	
	SPAR MTN, MIS	2775		#			8	0	3		36	0.15	S	6	A	
	MCCLOSKEY, MIS	2800		#			19	0	12		34		L	10	A	

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. Sulfur		Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
											*API	(%)				
*HERRY, SANGAMON, 15N, 3W																
			1961	610	18.9	509.4	40	1	1	28					SIL	1827
	DEVONIAN	1743	1962	60			2	0	0			S	4			
	SILURIAN	1736	1961	550			38	1	1			L	35			
*HERRYVILLE C, WARASH, EDWARDS, RICHLAND, 1-2N, 14W																
			1943	530	101.6	1377.8	29	0	1	7				M	MIS	3636
	OHARA, MIS	2900		530			6	0	0		39	L	6	MC		
	SPAR MTN, MIS	2850		#			12	0	1			L	12	MC		
	MCCLOSKY, MIS	2890		#			12	0	0		36	L	10	MC		
BESSIE, FRANKLIN, 6S, 3E																
	OHARA, MIS	2895	1943	10	3.0	129.4	1	0	0	1	39	0.15	L	10	MC	MIS 3457
BLACK BRANCH, SANGAMON, 15N, 4W																
	SILURIAN	1600	1967	260	69.0	421.2	19	7	1	16			S	10		SIL 1744
BLACK BRANCH E +, SANGAMON, 15N, 4W																
	SILURIAN	1720	1969	10	0.0	2.8	1	0	0	1			L	20		SIL 1755
*BLACKLAND, MACON, CHRISTIAN, 15N, 1E-1W																
	SILURIAN	1935	1953	380	1.7	488.4	41	0	1	9	39		L	12	MU	ORO 3780
BLACKLAND N, MACON, 16N, 1E																
	SILURIAN	1948	1960	230	1.9	237.0	20	0	4	2			L	11	M	SIL 2164
BLACK RIVER, WHITE, 4S, 13W																
	CLORE, MIS	1865	1952	10	0.0	36.4	1	0	0	1			S	6		MIS 3071
BLAIRSVILLE W, HAMILTON, 4S, 7E																
			1951	160	0.0	408.3	10	0	0	2				A	MIS	3507
	SPAR MTN, MIS	3345		160			1	0	0			L	6	AC		
	MCCLOSKY, MIS	3405		#			10	0	0		37	L	8	AC		
BLUFORD, JEFFERSON, 2S, 4E																
	MCCLOSKY, MIS	3060	1961	30	12.0	138.6	2	0	0	1	38		OL	6		MIS 3833
BOGOTA, JASPER, 6N, 9E																
			1943	190	3.0	525.7	10	0	0	2				A	MIS	3234
	SPAR MTN, MIS	3090		190			1	0	0			L	4	AC		
	MCCLOSKY, MIS	3110		#			9	0	0		39	L	7	A		
BOGOTA N, JASPER, 6N, 9E																
	MCCLOSKY, MIS	3080	1949	10	0.0	0.0	1	0	0	0			L	3		MIS 3647
				ABO 1950												
BOGOTA S, JASPER, 5-6N, 9E																
	MCCLOSKY, MIS	3075	1944	300	0.9	530.5	23	0	2	3	37		L	8	MC	MIS 3712
BOGOTA W, JASPER, 6N, 9E																
	MCCLOSKY, MIS	3080	1966	10	0.0	0.0	1	0	0	0			0	6		MIS 3655
							ABO 1967									
*BONE GAP C, EDWARDS, 1S, 10-11E, 14W																
			1941	1140	21.0	2451.9	62	0	0	19				A	MIS	3360
	PENNSYLVANIAN	2110		10			1	0	0			S	8	AL		
	WALTERSHURG, MIS	2310		170			17	0	0		33	S	20	A		
	CYPRESS, MIS	2710		100			7	0	0		37	S	10	A		
	BETHEL, MIS	2880		40			3	0	0		39	S	14	AL		
	AUX VASES, MIS	3020		10			1	0	0			S	9	AL		
	OHARA, MIS	3040		860			6	0	0		34	L	5	AC		
	SPAR MTN, MIS	3045		#			5	0	0		35	L	5	AC		
	MCCLOSKY, MIS	3200		#			24	0	0		38	0.33	L	6	AC	





TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

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Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			Dur- ing 1971	To end of 1971	Com- pleted to end of 1971	Com- pleted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. °API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
BUCKHORN, BROWN, 1S, 4W	SILURIAN	682	1961	10 ABO 1964	0.0	0.0	1	0	0	0			0	3	SIL	700
BUCKNER, FRANKLIN, 6S, 2E	AUX VASES, MIS	2601	1963	80	9.1	49.7	6	0	0	5			S	12	MIS	3060
BULPITT S, CHRISTIAN, 13N, 3W	DEV-SIL	1911	1962	60	0.0	3.4	4 ABO 1969	0	0	0			L	15	DVS	1990
*BUNGAY C, HAMILTON, 4S, 7E	RENAULT, MIS	3270	1941	3250	148.0	13720.3	253	1	4	91			A	NEV	5566	
	AUX VASES, MIS	3295		550			22	0	1		38		S	10	AL	
	OHARA, MIS	3335		2730			194	1	3		39	0.24	S	15	AL	
	SPAR MTN, MIS	3400		320			4	0	0				L	8	AC	
	MCCLOSKEY, MIS	3425		#			3	0	0				L	8	AC	
	ULLIN, MIS	4190	1959	10			15	0	0		34	0.24	L	8	AC	
							1	0	0				L	10	AC	
BURNT PRAIRIE S, WHITE, 4S, 9E	AUX VASES, MIS	3330	1947	30	0.3	29.2	4	0	0	1			S	24	MIS	3565
	OHARA, MIS	3415		10	0.3	12.2	1	0	0				L	6		
	MCCLOSKEY, MIS	3460		30	0.0	10.0	1	0	0		38		L	6		
				#	0.0	7.0	2	0	0				L	4		
CALHOUN CEN, RICHLAND, 2N, 10E	SPAR MTN, MIS	3245	1950	30	0.0	0.5	3	0	0	0			L	6	MC	3533
	MCCLOSKEY, MIS	3280		30	0.0		2	0	0				L	3	MC	
				#	0.0		1	0	0				L	3	MC	
				ABO 1952, REV AND ABO 1959												
*CALHOUN C, RICHLAND, WAYNE, 2-3N, 9-10E	OHARA, MIS	3140	1944	1910	16.4	4020.8	104	0	0	11			OL	9	A	4039
	SPAR MTN, MIS	3160		1910			22	0	0		39		OL	6	A	
	MCCLOSKEY, MIS	3180		#			24	0	0		37		OL	6	A	
	ST LOUIS, MIS	3370	1967	10			62	0	0		39	0.15	OL	10	A	
	SALEM, MIS	3730	1967	10			1	0	0				L	9		
							1	0	0				L	8		
*CALHOUN E, RICHLAND, 2N, 10-11E	MCCLOSKEY, MIS	3265	1950	150	14.5	318.6	9	0	0	6	39		L	5	MC	3380
CALHOUN N, RICHLAND, 3N, 10E	SPAR MTN, MIS	3155	1944	60	0.0	81.6	3	0	0	1			LS	10	A	3290
	MCCLOSKEY, MIS	3170		60			1	0	0				OL	11	A	
				#			3	0	0		36		OL	11	A	
*CALHOUN S, WAYNE, RICHLAND, EDWARDS, 1-2N, 9E	AUX VASES, MIS	3175	1953	540	22.5	593.7	30	0	0	18			L	5	MIS	3666
	OHARA, MIS	3232	1963	20			2	0	0				L	8		
	SPAR MTN, MIS	3224	1962	520			4	0	0				L	5		
	MCCLOSKEY, MIS	3209	1961	#			13	0	0				L	5		
				#			20	0	0				OL	6		
				ABO 1953, REV 1961												
CARLINVILLE +, MACOUPIN, 9N, 7W	UNNAMED, PEN	380	1909	40	0.0		8	0	0	3	28		S	A	MIS	1380
				ABO 1925, REV 1942												
CARLINVILLE N +, MACOUPIN, 10N, 7W	POTTSVILLE, PEN	440	1941	100	0.0	1.0	16	0	0	0	20	0.35	S	10	TRN	1970
				ABO 1954												
CARLINVILLE S, MACOUPIN, 9N, 7W	PENNSYLVANIAN	539	1958	10	0.0	0.0	1	0	0	0			S		PEN	1020
				ABO 1964												
*CARLYLE, CLINTON, 2N, 3W	GOLCONDA, MIS	900	1911	1230	0.0	4075.4	190	0	0	21			L	10	A	4120
	CARLYLE(CYP), MIS	1035		10			6	0	0				S	20	AL	
				1230			185	0	0		35	0.26	S	20	AL	

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Completed to end of 1971	Completed in 1971	Abandoned 1971	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
CARLYLE E, CLINTON, 2N, 2W																
RENOIST, MIS	1197	1963	10	0.0	0.0	1	0	0	1		S	4	MIS	1245		
*CARLYLE N, CLINTON, 3N, 3W																
RENOIST, MIS	1150	1950	530	13.6	821.8	45	0	1	33	34	S	6	AL	DEV	2559	
CARLYLE S, CLINTON, 1N, 3W																
CYPRESS, MIS	1075	1951	20	0.0	2.0	2	0	0	0		S	4	MIS	1194		
			ABO 1953													
*CARM, WHITE, 5S, 9E																
		1939	250	7.8	373.0	21	0	0	6				M	MIS	3546	
PENNSYLVANIAN	1210		10			1	0	0			S	10	ML			
CYPRESS, MIS	2800		100			8	0	0		37	S	15	ML			
AUX VASES, MIS	3145		50			5	0	0		36	S	8	ML			
MCCLOSKEY, MIS	3150		110			8	0	0		35	OL	6	MC			
			ABD 1949, REV 1952													
CARM N, WHITE, 5S, 9E																
		1942	80	3.9	280.5	6	0	0	3				A	MIS	3452	
CYPRESS, MIS	2940		20			1	0	0		38	S	13	AF			
SAMPLE, MIS	3080		10			1	0	0			S	12	AF			
AUX VASES, MIS	3270		60			5	0	0		36	0.14	S	14	AF		
*CASEY, CLARK, 10-11N, 14W																
		1906	3030	0.0	0.0	511	0	1	229				AM	TRN	2608	
UPPER GAS, PEN	265		2720			43	0			32	S		AM			
LOWER GAS, PEN	300		#			86	0			30	S		AM			
CASEY, PEN	445		#			372	0			35	S	10	AM			
CARPER, MIS	1300		250			20	0			38	S	50	AM			
			SEE CLARK COUNTY DIV FOR PRODUCTION													
*CENTERVILLE, WHITE, 4S, 9E																
		1940	190	1.4	528.0	13	0	0	1				N	MIS	3919	
AUX VASES, MIS	3240		10			1	0	0			S	6	NL			
OHARA, MIS	3310		190			6	0	0		38	L	10	NC			
SPAR MTN, MIS	3370		#			2	0	0			L	0	NC			
MCCLOSKEY, MIS	3370		#			6	0	0		40	0.17	OL	4	NC		
*CENTERVILLE E, WHITE, 3-4S, 9-10E																
-----																
		1941	1260	109.1	8072.4	135	0	0	61				A	MIS	3427	
PALESTINE, MIS	2225		20			2	0	0			S	3	ALF			
TAR SPRINGS, MIS	2500		820			35	0	0		38	0.20	S	24	ALF		
HARDINSBURG, MIS	2615		40			1	0	0			S	22	ALF			
CYPRESS, MIS	2915		630			46	0	0		37	S	6	ALF			
BETHEL, MIS	2990		220			20	0	0		38	S	20	ALF			
AUX VASES, MIS	3075		530			38	0	0		36	S	21	ALF			
OHARA, MIS	3175		320			4	0	0		36	OL	5	ACF			
SPAR MTN, MIS	3185		#			1	0	0			LS	6	ACF			
MCCLOSKEY, MIS	3230		#			16	0	0		37	OL	7	ACF			
CENTERVILLE N, WHITE, 3S, 10E																
BETHEL, MIS	2990	1947	10	0.0	0.0	1	0	0	0		S	13	ML	MIS	3332	
			ABO 1948													
CENTERVILLE N E, WHITE, 3S, 10E																
BETHEL, MIS	3055	1955	10	0.0	5.6	1	0	0	0		S	14		MIS	3407	
			ABD 1959													
*CENTRAL CITY, MARION, 1N, 1E																
PENNSYLVANIAN	826	1964	90	5.3	39.3	9	0	0	9		S	10		MIS	1942	
*CENTRALIA, CLINTON, MARION, 1-2N, 1E, 1W																
		1937	2980	393.7	56009.8	1020	0	5	264				A	ORD	4170	
PETRO, PEN	765	1958	30			4	0	0			S	0	A			
CYPRESS, MIS	1200		1530			57	0	0		37	0.20	S	12	A		
RENOIST, MIS	1355		2510			576	0	4		38	0.17	S	20	A		
DEVONIAN	2870		2610			319	0	1		37	0.38	L	9	A		
TRENTON, ORD	3930		1100			59	0	0		43		L	22	A		
CENTRALIA W, CLINTON, 1N, 1W																
		1940	90	0.8	414.3	10	0	0	1				N	OFV	3021	
CYPRESS, MIS	1308	1960	10			1	0	0			S	4	N			
(CONTINUED ON NEXT PAGE)																

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
(CONTINUED FROM PREVIOUS PAGE)																
CENTRALIA W, CLINTON, 1N, 1W	RENOIST, MIS	1440	1940	90			9	0	0		38	0.17	S	9	N	
CHESTERVILLE, DOUGLAS, 15N, 7E	SPAR MTN, MIS	1780	1956	50	0.0	35.0	5	0	0	1	37		L	8	PL	MIS 1829
*CHESTERVILLE E, DOUGLAS, 14-15N, 7-8E	SPAR MTN, MIS	1720	1957	400	13.3	1152.0	41	0	4	21	39		S	10	NC	MIS 1785
CHRISTOPHER S, FRANKLIN, 7S, 1E	AUX VASES, MIS	2620	1964	30	0.0	9.9	3	0	0	0						MIS 2820
	OHARA, MIS	2690	1964	10			3	0	0		38		S	8		
							1	0	0				L	10		
							A80 1969									
CLAREMONT*, RICHLAND, 3N, 14W	SPAR MTN, MIS	3200	1970	100	3.3	19.8	8	0	1	7						MIS 3335
	MCCLOSKEY, MIS	3218	1969	#			5	0	1				S	5		
							3	0	0				L	4		
CLARK COUNTY DIV, CLARK, COLES, CRAWFORD, CUMBERLAND, JASPER		1900	26780	376.5	84310.5	5722	5	29	1758							STP 3411
							TOTALS RELAIR CASEY JOHNSON N,S MARTINSVILLE SIGGINS WESTFIELD YORK POOLS									
CLARKSBURG, SHELBY, 10N, 4E	AUX VASES, MIS	1770	1946	40	2.4	58.8	4	0	0	3	36		S	6	A	DEV 3206
*CLAY CITY C, CLAY, WAYNE, RICHLAND, JASPER, 1-7N, 1-2S, 6-11E	WALTERSBURG, MIS	2175	1937	89730	4657.8	289781.2	5913	52	103	2348			S	6	AL	PC 11614
	TAR SPRINGS, MIS	2560		130			1	0	0				S	15	AL	
	CYPRESS, MIS	2635		7900			8	0	0		38		S	15	AL	
	RETHEL, MIS	2800		180			556	2	7		36		S	15	AL	
	AUX VASES, MIS	2940		29320			17	1	0		39		S	15	AL	
	OHARA, MIS	3020		62750			1977	21	39		38		S	15	AL	
	SPAR MTN, MIS	3030		#			220	1	4		38		OL	5	AC	
	MCCLOSKEY, MIS	3050		#			602	4	13		38		LS	8	AC	
	ST. LOUIS, MIS	3025	1949	2330			2929	32	40		39		OL	10	AC	
							206	3	9		39		L	3	A	
	SALEM, MIS	3590		2460			190	0	6		38		L	10	A	
	ULLIN, MIS	3600		30			3	0	0				L	17	A	
	DEVONIAN	4350		20			1	0	0				L	10	A	
CLEAR LAKE E, SANGAMON, 16N, 4W	SILURIAN	1596	1970	10	6.1	6.1	1	0	0	1	25		L	12		STL 1653
CLIFFORD, WILLIAMSON, 8S, 1E	AUX VASES, MIS	2380	1957	40	0.0	15.0	2	0	0	0						MIS 2625
	SPAR MTN, MIS	2470	1957	20			2	0	0				S	7		
	MCCLOSKEY, MIS	2540	1957	#			1	0	0				LS	7		
							1	0	0				L	5		
							A80 1965									
*COIL, WAYNE, 1S, 5E	AUX VASES, MIS	2910	1942	390	234.0	2321.3	26	0	0	16			S	10	A	MIS 3250
	MCCLOSKEY, MIS	3065		310			21	0	0		39	0.12	OL	15	AC	
	ST LOUIS, MIS	3021		100			1	0	0				L	9		
							6	0	0							
COIL N, WAYNE, 1N-1S, 5E	AUX VASES, MIS	2841	1958	60	14.0	200.9	6	0	0	4	39		S	0		MIS 3077
*COIL W, JEFFERSON, 1S, 4E	AUX VASES, MIS	2720	1942	420	51.2	949.0	37	0	0	12			S	15	A	MIS 3389
	OHARA, MIS	2790		180			15	0	0		39		L	7	AL	
	SPAR MTN, MIS	2805		220			11	0	0				L	7	AC	
	MCCLOSKEY, MIS	2880		#			2	0	0				L	8	AC	
	ST LOUIS, MIS	3040	1967	130			13	0	0				L	7	AC	
	SALEM, MIS	3346	1961	20			1	0	0				L	10	A	

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
COLLINSVILLE, MADISON, 3N, 8W																
SILURIAN		1305	1909	40 ABO 1921	0.0	1.0	6	0	0	0			L	20 ML	STP	2177
*COLMAR-PLYMOUTH, HANCOCK-MCDONOUGH, 4-5N, 4-5W																
MOING, DEV		450	1914	2520	41.9	4772.1	505	0	0	96	35	0.38	S	14 AL	SHK	1095
*CONCORD C, WHITE, 6S, 10E																
			1942	1840	32.6	8033.1	167	1	11	61				A	MIS	3138
TAR SPRINGS, MIS		2270		350			26	0	0		36		S	11 AL		
HAROLDSBURG, MIS		2510		350			30	0	11		36		S	7 A		
CYPRESS, MIS		2625		270			19	0	0		38		S	10 AL		
AUX VASES, MIS		2905		670			49	1	0		36	0.15	S	14 AL		
OHARA, MIS		2930		1080			2	0	0				L	8 AC		
SPAR MTN, MIS		3035		#			3	0	0				L	8 AC		
MCCLOSKEY, MIS		2990		#			56	0	0		37		L	10 AC		
CONCORD E C, WHITE, 6-7S, 10E																
			1942	420	11.7	853.6	39	0	0	17				A	MIS	3125
WALTERSBURG, MIS		2140		40			4	0	0		37		S	10 A		
TAR SPRINGS, MIS		2175		70			5	0	0				S	4 A		
CYPRESS, MIS		2540		190			18	0	0		38		S	6 A		
RENAULT, MIS		2800		20			2	0	0				L	6 A		
AUX VASES, MIS		2825		70			7	0	0				S	12 A		
OHARA, MIS		2895		120			3	0	0				L	6 AC		
SPAR MTN, MIS		2895		#			5	0	0				S	5 AC		
MCCLOSKEY, MIS		2965		#			3	0	0				L	2 AC		
*COOKS MILLS C +, COLES, DOUGLAS, 13-14N, 7-8E																
			1941	3090	18.2	2972.1	247	0	13	108				A	DEV	3059
CYPRESS, MIS		1600		10			1	0	0				S	20 A		
AUX VASES, MIS		1765		10			2	0	0		36		S	15 A		
SPAR MTN, MIS		1800		3040			240	0	12		37		S	9 A		
MCCLOSKEY, MIS		1840	1955	#			1	0	0				L	4 A		
CARPER, MIS		2700	1963	20			1	0	0				S	5		
DEVONIAN		2867	1963	30			3	0	1				L	3		
*COROES, WASHINGTON, 3S, 3W																
BENOIST, MIS		1260	1939	1630	91.6	9757.7	155	0	3	43	36	0.19	S	14 A	TRN	3880
CORINTH, WILLIAMSON, 8S, 4E																
			1957	190	5.2	253.8	14	0	0	13					MIS	3550
AUX VASES, MIS		2885		180			13	0	0		38		S	10		
OHARA, MIS		2929		40			1	0	0				L			
SPAR MTN, MIS		2985	1957	#			2	0	0				L	10		
CORINTH E, WILLIAMSON, 8S, 4E																
MCCLOSKEY, MIS		3035	1957	10 ABO 1960	0.0	10.6	1	0	0	0			L	10	MIS	3113
CORINTH N, WILLIAMSON, 8S, 4E																
AUX VASES, MIS		2935	1957	10 ABO 1960	0.0	3.7	1	0	0	0			S	16	MIS	3180
COTTAGE GROVE, SALINE, 9S, 7E																
OHARA, MIS		2770	1955	10 ABO 1963	0.0	12.5	1	0	0	0			L		MIS	2977
COULTERVILLE N, WASHINGTON, 3S, 5W																
SILURIAN		2290	1958	40	0.0	29.8	4	0	0	2	42		L	0	ORO	3204
*COVINGTON S, WAYNE, 2S, 6E																
			1943	510	12.8	427.9	18	0	0	2				AC	DEV	5300
MCCLOSKEY, MIS		3310	1943	420			12	0	0		34	0.18	L	5 AC		
ST. LOUIS, MIS		3361	1962	10			1	0	0		36		L	4		
ULLIN, MIS		4148	1960	80			5	0	0		36		L	12 AC		
CRAIG, PERRY, 4S, 4W																
TRENTON, ORO		3650	1948	10 ABO 1951, REV 1965, ABO 1967	0.0	2.9	2	0	0	0	35		L	20 A	ORO	3735



TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test		
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- pleted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. °API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)		
CRAVAT, JEFFERSON, 1S, 1E																	
	RENOIST, MIS	2070	1939	120	0.8	375.9	11	0	0	6	34	0.23	S	10	A	DEV	3850
CRAVAT W, JEFFERSON, 1S, 1E																	
			1956	140	2.9	123.6	15	0	0	14						MIS	2382
	PENNSYLVANIAN	1045	1956	130	2.9	123.6	14	0	0		33		S	10			
	RETHEL, MIS	2070	1960	10	0.0	0.0	1	0	0				S	10			
CROSSVILLE, WHITE, 4S, 10E																	
			1946	110	0.0	16.0	11	0	0	0					M	MIS	3283
	RETHEL, MIS	2880		40	0.0		3	0	0				S	9	ML		
	AUX VASES, MIS	3030	1956	30	0.0		3	0	0				S	20	ML		
	OHARA, MIS	3100		80	0.0		1	0	0				L	3	MC		
	MCCLOSKY, MIS	3120		#	0.0		4	0	0				L	5	MC		
	ABD 1952, REV 1956, ABD 1958																
*CROSSVILLE W, WHITE, 4S, 10E																	
			1952	230	0.5	359.5	16	0	0	2					M	MIS	3292
	AUX VASES, MIS	3030		130			9	0	0		35		S	8	ML		
	OHARA, MIS	3110	1958	140			1	0	0		37		L	0	M		
	SPAR MTN, MIS	3150	1958	#			2	0	0				L	0	M		
	MCCLOSKY, MIS	3185	1956	#			7	0	0		38		L		MC		
	ABD 1953, REV 1956																
DAHLGREN, HAMILTON, 3S, 5E																	
			1941	620	1.6	1208.3	45	0	0	2					A	OEV	5299
	MCCLOSKY, MIS	3300		620	1.6	1206.3	44	0	0		37	0.16	L	11	A		
	ULLIN, MIS	4110	1956	10	0.0	2.0	1	0	0				L	15	A		
DAHLGREN W, JEFFERSON, 4S, 4E																	
	ULLIN, MIS	4019	1960	20	0.0	30.5	2	0	0	0			L	6		OEV	5245
	ARC 1966																
*DALE C, FRANKLIN, HAMILTON, SALINE, 5-7S, 4-7E																	
			1940	18350	1134.5	96293.2	1608	1	57	567					A	PC	13051
	TAR SPRINGS, MIS	2430		480			41	0	1		33		S	25	A		
	HARDINSBURG, MIS	2480		120			12	0	0		38		S	10	A		
	CYPRESS, MIS	2700		1530			123	0	2		39		S	15	A		
	RETHEL, MIS	2975		3420			283	0	3		38	0.19	S	18	A		
	AUX VASES, MIS	3150		16510			1304	1	45		37	0.15	S	20	A		
	OHARA, MIS	3110		3760			107	0	6		38	0.22	L	10	A		
	SPAR MTN, MIS	3130		#			14	0	0		38		LS	7	A		
	MCCLOSKY, MIS	3150		#			146	0	7		36	0.19	L	7	A		
	ST. LOUIS, MIS	3163	1965	60			6	0	0				L	0			
CAWSON, SANGAMON, 16N, 3W																	
	SILURIAN	1636	1971	10	0.0	0.0	1	1	0	1			L	10		SIL	1705
DECATUR, MACON, 16-17N, 2E																	
	SILURIAN	2000	1953	110	0.0	15.0	6	0	0	0	47		L	7	MU	ORO	2800
	ABD 1959																
DECATUR N, MACON, 17N, 3E																	
	SILURIAN	2200	1954	10	0.0	0.1	1	0	0	0			L	10	MU	SIL	2240
	ABD 1955																
*DEERING CITY, FRANKLIN, 7S, 3E																	
			1957	110	8.6	297.4	8	0	0	7						MIS	3146
	AUX VASES, MIS	2810	1957	80			6	0	0		38		S	20			
	MCCLOSKY, MIS	2913	1963	30			2	0	0		34		OL	4			
*DIVIOE C, JEFFERSON, 1S, 3-4E																	
			1943	3770	294.1	10057.4	257	0	4	143					A	OEV	4700
	AUX VASES, MIS	2620		170			10	0	0		38		S	10	AL		
	OHARA, MIS	2700		2570			8	0	0				L	10	AC		
	SPAR MTN, MIS	2700		#			20	0	1		38		LS	6	A		
	MCCLOSKY, MIS	2750		#			156	0	3		37	0.21	L	6	AC		
	ST. LOUIS, MIS	2840	1955	250			26	0	1		37		L	7	AC		
	SALEM, MIS	3190	1960	1190			80	0	0		37		L	10	AC		
DIVIOE S, JEFFERSON, 2S, 3-4E																	
	MCCLOSKY, MIS	2880	1948	300	1.6	494.9	16	0	0	3	34		L	5		MIS	3575

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Completed to end of 1971	Completed in 1971	Abandoned 1971	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
OIX S, JEFFERSON, 1S, 2E																
	BENOIST, MIS	1950 1941	20	0.0	13.4	2	0	0	0			S	R N	MIS	2283	
			ABO 1946													
*OOLLVILLE, SHELBY, 12N, 2E																
	BETHEL, MIS	1509 1961	90	2.5	32.7	5	0	0	3	35		S	4	MIS	1600	
OUBOIS CEN, WASHINGTON, 3S, 1W																
	BENOIST, MIS	1954	130	8.4	200.1	12	0	0	9					OEV	3100	
	SPAR MTN, MIS	1335 1955	110			12	0	0		30		S	12			
		1530 1954	70			3	0	0				L	A			
*OUBOIS C, WASHINGTON, 3S, 1-2W																
	CYPRESS, MIS	1939	1420	84.7	1894.7	117	0	2	95				A	ORD	4217	
	BENOIST, MIS	1230	1010			79	0	1		37		S	10	AL		
		1325	460			40	0	1		30	0.26	S	10	AL		
*OUOLEY, EDGAR, 13-14N, 13W																
	UPPER OUOLEY, PEN	1948	700	103.1	1641.3	97	6	1	82				M	STP	2997	
	LOWER OUOLEY, PEN	310	700			24	0	0		25		S	20	ML		
		410	#			73	6	1		24		S	50	ML		
OUOLEYVILLE E, BONO, 4-5N, 2-3W																
	DEVONIAN	2370 1954	20	0.0	2.8	2	0	0	0			L	5	ORD	3397	
			ABO 1961													
OUPD, ST. CLAIR, 1N, 10W																
	TRENTON, URO	700 1928	880	16.8	2890.0	321	0	0	27	33	0.70	L	50	A	CAM 3111	
EBERLE, EFFINGHAM, 6N, 6E																
	CYPRESS, MIS	1947	150	0.0	112.9	9	0	0	0				N	MIS	2982	
	SPAR MTN, MIS	2475	60			3	0	0		37		S	10	NL		
	MCCLOSKEY, MIS	2680	110			2	0	0				LS	5	NC		
		2820	#			4	0	0		38		L	7	N		
			ABO 1967													
EOINBURG, CHRISTIAN, 14N, 3W																
	LINGLE, OEV	1810 1949	10	0.0	0.0	1	0	0	0			L	2	A	OEV 1853	
			ABO 1951													
EOINBURG S, CHRISTIAN, 14N, 3W																
	MILBARD, OEV	1795 1955	20	0.0	4.4	2	0	0	0			LS	13	SIL	1902	
			ABO 1963													
*EOINBURG W, CHRISTIAN, SANGAMON, 14N, 3-4W																
	DEVONIAN	1954	1630	77.9	2712.9	121	7	10	70				A	ORD	2285	
	SILURIAN	1660	60			7	0	2		41		S	6	A		
		1690	1590			116	7	8		41		L	R	A		
ELBA, GALLATIN, 8S, 8E																
	CYPRESS, MIS	1955	210	0.0	25.0	13	0	0	0					MIS	2991	
	BETHEL, MIS	1958	10			1	0	0				S				
	RENAULT, MIS	2660	80			3	0	0				S	10			
	AUX VASES, MIS	2770	10			1	0	0				L	3			
	OHARA, MIS	2780	120			5	0	0				S	5			
		2820 1955	40			3	0	0				L	11			
			ABO 1960													
*ELBRIEGE, EDGAR, 12-13N, 11W																
	PENNSYLVANIAN	1949	440	0.0	1498.4	40	0	0	19				O	TRN	3300	
	FREDONIA, MIS	760	10			2	0	0				S	3	O		
	DEVONIAN	950	430			37	0	0		35		L	3	O		
		1950 1949	20			2	0	0				L	20	O		
*ELOORA00 C +, SALINE, 8S, 6-7E																
	PALESTINE, MIS	1941	3490	376.5	11090.7	292	1	13	119				A	MIS	3606	
	WALTERSBURG, MIS	1920	390			26	1	0		36		S	20	AL		
	TAR SPRINGS, MIS	2125	1930			144	0	9		38		S	25	AL		
	HARDINSBURG, MIS	2200	260			19	0	1		37		S	15	AL		
	CYPRESS, MIS	2350	290			30	0	1		38		S	8	AL		
	SAMPLE, MIS	2575	270			19	0	0		37		S	8	AL		
		2680	70			6	0	0				S	18	AL		

(CONTINUED ON NEXT PAGE)

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Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov-ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test		
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. *API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)		
*ELOOKA00 C +, SALINE, 8S, 6-7E																	
(CONTINUED FROM PREVIOUS PAGE)																	
	BENOIST, MIS	2778	1962	#				1	0	0			S	10			
	AUX VASES, MIS	2900		900				65	0	3		37	S	12	AL	MIS	3666
	CHARA, MIS	2900		90				3	0	0			L	5	AC		
	SPAR MTN, MIS	2900		#				2	0	0			LS	4	AC		
	MCCLOSKEY, MIS	2975		#				2	0	0		34	0.14	L	5	AC	
*ELOORA00 E +, SALINE, 8S, 7E																	
	PALESTINE, MIS	1915	1953	400	4.1	397.1	28	0	1		7		S	10	AL	MIS	3666
	TAR SPRINGS, MIS	2190		30			2	0	0				S	10	AL		
	CYPRESS, MIS	2515		40			3	0	0				S	10	AL		
	AUX VASES, MIS	2885		30			3	0	0				S	20	AL		
	SPAR MTN, MIS	2975		340			20	0	1		38		S	6	AL		
				10			1	0	0				L	4	AC		
ELOORA00 W +, SALINE, 8S, 6E																	
	PALESTINE, MIS	1940	1955	50	0.0	46.0	6	0	0		1		S	18		MIS	3178
	RENAULT, MIS	2910	1955	40			3	0	0				S	18			
	AUX VASES, MIS	2960		20			2	0	0				L	6			
				20			2	0	0				L	6			
ELK PRAIRIE, JEFFERSON, 4S, 2E																	
	MCCLOSKEY, MIS	2735	1938	20	0.0	41.1	2	0	0		0					MIS	3470
	SALEM, MIS	3076	1960	20			2	0	0				L	7			
				10			1	0	0				L	8			
	ARO 1940, REV 1960, ARO 1970																
ELKTON, WASHINGTON, 2S, 4W																	
	BAILEY, DEV	2340	1955	40	0.0	2.6	2	0	0		0		L	30		DEV	2485
	ARO 1960																
ELKTON N, WASHINGTON, 2S, 4W																	
	HARDIN, DEV	2320	1971	60	3.5	3.5	4	4	0		4		S	7		DEV	2400
ELKVILLE, JACKSON, 7S, 1W																	
	BENOIST, MIS	2000	1941	10	0.0	4.0	1	0	0		1	36	0.27	S	10	MIS	2387
*ELLERY E, EDWARDS, 2S, 1OE																	
	AUX VASES, MIS	3180	1952	310	1.0	944.4	25	0	0		1		S	35	NL	MIS	3823
	CHARA, MIS	3255		180			13	0	0		39		S	35	NL		
	SPAR MTN, MIS	3255		150			11	0	0		37		L	6	MC		
				#			3	0	0				L	4	MC		
ELLERY N, EDWARDS, WAYNE, 2S, 9-1OE																	
	BETHEL, MIS	3100	1942	90	1.3	34.1	7	0	0		1					MIS	3496
	AUX VASES, MIS	3230		20			2	0	0				S	35	NL		
	SPAR MTN, MIS	3345		10			1	0	0				S	12	NL		
	MCCLOSKEY, MIS	3420		70			4	0	0				S	8	NL		
	ST LOUIS, MIS	3438		#			2	0	0		37	0.19	L	7	MC		
				10			1	0	0				L	6			
	ARO 1943, REV AND ARO 1951, REV 1954																
ELLERY S, EDWARDS, 2-3S, 1OE																	
	AUX VASES, MIS	3200	1943	90	0.0	173.0	9	0	0		0		S	15	NL	MIS	3434
	MCCLOSKEY, MIS	3300		30		35.0	5	0	0				S	15	NL		
				60		138.0	4	0	0		38		L	9	MC		
	ARO 1952, REV 1953, ARO 1959, REV AND ARO 1960																
ELLCOTTSTOWN, EFFINGHAM, 7N, 7E																	
	SPAR MTN, MIS	2730	1947	10	0.0	13.7	1	0	0		0		S	8	HL	MIS	2884
	ARO 1951																
ELLCOTTSTOWN E, EFFINGHAM, 7N, 7E																	
	CYPRESS, MIS	2485	1954	90	1.6	102.3	7	0	2		1		S	5	HL	MIS	3292
	SPAR MTN, MIS	2750	1962	10			1	0	0				S	10			
	MCCLOSKEY, MIS	2771	1962	80			3	0	2				L	10			
				#			3	0	0				L	8			
	ARO 1956, REV 1962																
*ELLIOTTSTOWN N, EFFINGHAM, 7N, 7E																	
	CYPRESS, MIS	2430	1953	310	6.0	250.4	19	0	0		16		S	4	HL	MIS	3100
	AUX VASES, MIS	2710	1966	20			2	0	0				S	2			
	SPAR MTN, MIS	2666	1964	10			1	0	0				S	2			
				270			2	0	0				L	3			
(CONTINUED ON NEXT PAGE)																	

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- duc- ing end of year	Gr., °API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
*ELLIOTTSTOWN N, EFFINGHAM, 7N, 7E																
(CONTINUED FROM PREVIOUS PAGE)																
-----																
MCCLOSKEY, MIS	2738	1964		#			14	0	0				OL	17		
ARO 1958, REV 1964																
*ENERGY, WILLIAMSON, 9S, 2E																
-----																
AUX VASES, MIS	2354	1968		110	17.1	98.2	9	0	0	9		S	16		MIS	2694
*ENFIELD, WHITE, 5S, 8E																
-----																
		1950		380	10.9	1017.4	22	0	0	5					MIS	4259
AUX VASES, MIS	3250			220			13	0	0		39	S	10	A		
OHARA, MIS	3310			160			4	0	0			L	4	AL		
MCCLOSKEY, MIS	3385			#			5	0	0		37	L	8	AC		
ARC 1951, REV 1952																
ENFIELD S, WHITE, 6S, 8E																
-----																
		1961		30	0.0	0.0	2	0	0	0					MIS	3314
AUX VASES, MIS	3174	1961		10			1	0	0			S	2			
MCCLOSKEY, MIS	3277	1961		30			2	0	0			L	6			
ABD 1963																
EVERS, EFFINGHAM, 8N, 7E																
-----																
		1948		70	0.9	110.3	5	0	0	2				A	MIS	2808
SPAR MTN, MIS	2610			70			3	0	0		39	L	7	AL		
MCCLOSKEY, MIS	2660			#			2	0	0			L	4	AC		
ABD 1949, REV 1953																
EVERS S, EFFINGHAM, 7N, 7E																
-----																
SPAR MTN, MIS	2650	1948		10	0.0	2.4	1	0	0	0		LS	8	AC	MIS	2783
ABC 1951																
EWING, FRANKLIN, 5S, 3E																
-----																
		1944		170	0.3	514.4	8	0	1	0				A	MIS	3877
AUX VASES, MIS	2835			10			1	0	0		37	S	8	AL		
MCCLOSKEY, MIS	2970			160			7	0	1		39	L	7	A		
ABC 1971																
EWING E, FRANKLIN, 5S, 3E																
-----																
OHARA, MIS	3010	1956		10	0.0	0.0	1	0	0	0		L	10		MIS	3292
ABC 1965																
EXCHANGE, MARION, 1N, 3E																
-----																
		1943		30	0.0	68.3	2	0	0	0				M	MIS	2869
OHARA, MIS	2695			30			1	0	0		37	L	10	MC		
MCCLOSKEY, MIS	2730			#			2	0	0		37	L	8	MC		
ABD 1967																
*EXCHANGE E, MARION, 1N, 4E																
-----																
		1955		230	1.9	522.2	16	0	0	4					MIS	3006
OHARA, MIS	2775	1955		220			1	0	0			L	14			
SPAR MTN, MIS	2780			#			7	0	0		37	S	11			
MCCLOSKEY, MIS	2840			#			6	0	0			L	4			
ST. LOUIS, MIS	2940	1955		10			1	0	0			L	8			
*EXCHANGE N C, MARION, 1N, 3-4E																
-----																
		1951		210	94.1	570.0	23	0	0	16				MC	MIS	3198
SPAR MTN, MIS	2682	1967		200			1	0	0			L	3			
MCCLOSKEY, MIS	2763	1951		#			21	0	0			L	6	MC		
SALEM	3080	1967		10			1	0	0			L	11	MC		
ABD 1952, REV 1955, ABD 1959, REV 1965																
*EXCHANGE W, MARION, 1N, 3E																
-----																
		1957		310	20.2	152.7	25	0	3	14					MIS	3008
OHARA, MIS	2540	1966		230			1	0	0			L	7			
SPAR MTN, MIS	2570	1966		#			10	0	1			S	6			
MCCLOSKEY, MIS	2650	1957		#			11	0	0			L	6			
ST LOUIS, MIS	2720	1967		130			8	0	2			L	11			
*FAIRMAN, MARION, CLINTON, 3N, 1E, 1W																
-----																
		1939		610	12.6	2034.5	58	0	0	15				A	ORD	4100
BENOIST, MIS	1435	1939		480			44	0	0		35	0.27	S	10	A	
TRENTON, ORD	3950	1957		230			14	0	0		42		L	20	A	
FANCHER, SHELBY, 1ON, 4E																
-----																
BENOIST, MIS	1749	1962		10	0.0	0.0	1	0	0	0		S	3		MIS	1889
ABO 1962																

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. Sulfur		Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
											*API	(%)				
FEMKER LAKE, GALLATIN, 9S, 10E																
AUX VASES, MIS	2672	1963		10 ARO 1966	0.0	4.7	1	0	0	0			L	8	MIS	2795
FICKLIN, DOUGLAS, 16N, 8E																
SPAR MTN, MIS	1470	1969		70	2.4	15.1	5	0	0	5			S	8	CAM	5301
FITZGERRELL, JEFFERSON, 4S, 1E																
BENOIST, MIS	2760	1944		10	0.0	16.0	1	0	0	0					MIS	3012
AUX VASES, MIS	2800			10 ARO 1952			1	0	0				S	5		
*FLORA S, CLAY, 2N, 6E																
MCCLOSKEY, MIS	2985	1946		60 ARO 1961	0.0	168.0	4	0	0	0	39		L	6 AC	MIS	3361
FORSYTH, MACON, 17N, 2E																
SILURIAN	2118	1963		70	2.3	20.2	5	1	0	4			L	14	SIL	2220
FRANCIS MILLS, SALINE, 7S, 7E																
CYPRESS, MIS	2675	1952		10	0.5	95.8	1	0	0	1			S	5	MIS	3238
FRANCIS MILLS S, SALINE, 7S 7E																
OHARA, MIS	3010	1955		20	0.0	5.6	2	0	0	0					MIS	3180
SPAR MTN, MIS	3042	1962		20 #		5.6 0.0	2 1	0 0	0 0				L	11 6		
ARO 1957, REV AND ARO 1962																
FREEBURG +, ST. CLAIR, 1-2S, 7W (NOW FREEBURG GAS STORAGE PROJECT)																
CYPRESS, MIS	380	1955		20	0.0		2	0	0	0			S	30	ORD	2000
FREEMANSPUR, WILLIAMSON, 9S, 2E																
AUX VASES, MIS	2500	1968		40 ARO 1971	0.0	1.3	2	0	2	0			S	13	MIS	2740
FRIENDSVILLE CEN, WABASH, 1N, 13W																
RETHEL, MIS	2330	1946		50 ARO 1956	0.0	31.0	5	0	0	0	35		S	15 MC	MIS	2630
*FRIENDSVILLE N, WABASH, 1N, 12-13W																
BIEHL, PEN	1620	1946		220	2.7	264.0	20	0	0	7					MIS	2592
RETHEL, MIS	2308	1959		220 10			19 1	0 0	0 0		34		S	12 MC 11 M		
FROGTOWN, CLINTON, 2N, 3-4W																
CARLYLE(CYP), MIS	950	1918		90 ARO 1933, REV 1949, ARO 1956	0.0		14	0	0	0	32		S	7 ML	TRN	3290
*FROGTOWN N, CLINTON, 2-3N, 3-4W																
ST. LOUIS, MIS	1200	1951		420	19.8	2036.2	34	0	0	19				0	SIL	2456
DEV-SIL	2250			60 350			5 29	0 0	0 0		35 35		L	10 0 8 R		
GARDS POINT C, WABASH, 1N, 14W																
OHARA, MIS	2970	1951		650	10.1	871.1	36	0	3	24	40		L	6 MC	MIS	3340
GAYS, MOULTRIE, 12N, 6E																
AUX VASES, MIS	1970	1946		90	3.5	89.8	6	0	0	2				M	DEV	3305
CARPER, MIS	2963	1963		80			5	0	0		36		S	5 ML		
DEVONIAN	3205	1955		10 10			1 1	0 0	0 0				S L	16 3 MC		
ARO 1950, REV 1955																
*GERMANTOWN E, CLINTON, 1-2N, 4W																
SILURIAN	2350	1956		380	22.1	1874.6	27	0	0	26	39		L	30 R	TRN	3310



TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test				
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. °API		Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)				
											Sul- fur (%)								
*GILA, JASPER, 7-8N, 9E																			
	MCCLOSKEY, MIS	2850	1957	430	0.0	1044.4	30	0	0		1	39		0	3	MC	MIS	2971	
GILLESPIE-WYEN, MACOUPIN, 8N, 6W																			
	UNNAMEO, PEN	650	1915	70	0.0		23	0	0		2	28		S		T	ORO	2560	
GLENARM, SANGAMON, 14N, 5W																			
	SILURIAN	1680	1955	130	0.5	55.6	9	0	0		1			L	9		SIL	1821	
				ARO 1957, REV 1959, ARO 1960, REV 1961															
*GOLOENGATE C, WAYNE, WHITE, EDWARDS, 2-4S, 9-10E																			
		1938		6760	166.5	16704.9	481	1	12		217					A	OEV	5522	
	CYPRESS, MIS	2942	1960	90			4	0	0			36		S		8	A		
	BETHEL, MIS	3110		350			21	0	2			37		S		11	HL		
	AUX VASES, MIS	3180		3390			178	0	4			40	0.14	S		15	AL		
	OHARA, MIS	3250		4130			49	0	1			39		OL		6	AC		
	SPAR MTN, MIS	3275		#			66	0	3			38		LS		7	AC		
	MCCLOSKEY, MIS	3310		#			148	1	6			36	0.19	OL		7	AC		
	ST. LOUIS, MIS	3430		20			3	0	0					L		10	HL		
	ULLIN, MIS	4125	1961	30			3	0	0			39		L		9	A		
	OUTCH CREEK, OEV	5346	1961	350			16	0	0			39		S		10			
GOLOENGATE E, WAYNE, 3S, 9E																			
	OHARA, MIS	3290	1951	10	0.7	14.6	1	0	0		1			L	3		MIS	3420	
				ARO 1957, REV 1968															
*GOLOENGATE N C, WAYNE, 1-2S, 8-9E																			
		1945		540	21.1	285.1	45	2	2		22					M	MIS	3509	
	BETHEL, MIS	3095		10			2	0	0					S		3	ML		
	AUX VASES, MIS	3235		360			27	0	1			38		S		25	ML		
	OHARA, MIS	3300		290			6	0	0			37		L		4	MC		
	SPAR MTN, MIS	3325		#			9	0	1			37		L		5	MC		
	MCCLOSKEY, MIS	3350		#			12	2	0			39		L		6	MC		
GRANOVIEW +, EOGAR, 12-13N, 13W																			
	PENNSYLVANIAN	560	1945	70	0.0	4.0	7	0	0		5	30		S	10	M	ORO	2694	
GRAYSON, SALINE, 8S, 7E																			
	CYPRESS, MIS	2515	1957	30	0.0	22.9	3	0	0		1			S		6		MIS	3045
	AUX VASES, MIS	2913	1961	10			1	0	0					L		4			
	MCCLOSKEY, MIS	2920		20			1	0	0					L		6			
GREENVILLE GAS +, RONO, 5N, 3W																			
	LINGLE, OEV	2240	1957	10	0.0	0.0	1	0	0		0			L	5	A	TRN	3184	
				ARO 1958															
*HALF MOON, WAYNE, 1S, 9E																			
		1947		1170	56.8	3079.4	62	0	0		42					M	OEV	5369	
	AUX VASES, MIS	3190		20			1	0	0			38		S		18	ML		
	OHARA, MIS	3280		1160			36	0	0			40		L		11	MC		
	SPAR MTN, MIS	3280		#			10	0	0					L		4	MC		
	MCCLOSKEY, MIS	3300		#			21	0	0			37		L		10	MC		
*HARCO +, SALINE, 8S, 5E																			
		1954		1080	64.2	1545.3	90	0	0		42							MIS	3424
	HAROINSBURG, MIS	2330	1956	10			1	0	0					S		6			
	CYPRESS, MIS	2618	1959	40			3	0	0					S		8			
	SAMPLE, MIS	2675		30			4	0	0					S		8			
	AUX VASES, MIS	2860		940			72	0	0			41		S		15			
	OHARA, MIS	2965		210			6	0	0					L		10			
	SPAR MTN, MIS	2970		#			7	0	0			39		LS		10			
*HARCO E +, SALINE, 8S, 5E																			
		1955		250	2.3	311.2	22	0	0		1							MIS	3031
	CYPRESS, MIS	2575	1955	70			6	0	0			38		S		20			
	AUX VASES, MIS	2865	1956	200			12	0	0			38		S		8			
	OHARA, MIS	2880		30			2	0	0					L		14			
*HARRISBURG +, SALINE, 8S, 6E																			
		1954		100	0.4	252.0	10	0	1		0							MIS	2930
(CONTINUED ON NEXT PAGE)																			

(CONTINUED ON NEXT PAGE)

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Completed to end of 1971	Completed in 1971	Abandoned 1971	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
*HARRISBURG +, SALINE, 8S, 6E																
(CONTINUED FROM PREVIOUS PAGE)																
WALTERSBURG, MIS		2020	1955	90			9	0	1		38	S	14			
TAR SPRINGS, MIS		2115		10			1	0	0			S	6			
ABD 1971																
HARRISBURG S, SALINE, 9S, 6E																
CYPRESS, MIS		2300	1955	10	0.0	0.0	1	0	0	0		S		MIS	2352	
ABD 1956																
HARRISTOWN, MACON, 16N, 1E																
SILURIAN		2050	1954	190	1.5	175.9	12	0	0	5	39	L	3	MU	SIL	2117
HAYES, DOUGLAS, CHAMPAIGN, 16N, 8E																
TRENTON		893	1963	480	14.8	147.3	43	0	26	15	31	L	0	CAM	3430	
HELENA, LAWRENCE, 2N, 13W																
ST. LOUIS, MIS		2978	1969	10	0.0	0.0	1	0	0	1		L	5	MIS	3600	
*HERALD C +, WHITE, GALLATIN, 6-8S, 9-10E																
			1940	6300	252.7	15678.8	540	0	3	251				A	MIS	4055
PENNSYLVANIAN		1060		360			1	0	0		29	S	10	AL		
PENNSYLVANIAN		1500		#			21	0	1		36	S	15	AL		
PENNSYLVANIAN		1750		#			5	0	0		29	S	18	AL		
OEGONIA, MIS		1920		80			3	0	0		36	S	12	AL		
CLORE, MIS		1965		60			2	0	0			S	10	AL		
PALESTINE, MIS		1940		10			2	0	0			S	20	AL		
WALTERSBURG, MIS		2240		520			44	0	0		33	S	10	A		
TAR SPRINGS, MIS		2260		690			53	0	0		38	0.24	S	13	A	
CYPRESS, MIS		2660		1890			157	0	0		33	0.22	S	14	A	
BETHEL, MIS		2790		190			20	0	0		37	S	11	AL		
AUX VASES, MIS		2920		3040			228	0	2		38	S	6	AL		
OHARA, MIS		2965		520			8	0	0		37	L	6	AC		
SPAR MTN, MIS		3005		#			7	0	0			L	4	AC		
MCCLOSKEY, MIS		3010		#			24	0	0		35	L	10	AC		
HERRIN, WILLIAMSON, 8S, 2E																
CYPRESS, MIS		2221	1965	10	0.0	2.0	1	0	0	1	38	S	9	MIS	2682	
*HICKORY HILL, MARION, 1N, 4E																
CYPRESS, MIS		2478	1964	60	0.9	22.5	4	0	0	1				MIS	3010	
RENOIST, MIS		2645	1964	10			1	0	0			S	10			
SPAR MTN, MIS		2833	1964	20			2	0	0			S	7			
				10			1	0	0			S	6			
HIOALGO, JASPER, 8N, 10E																
MCCLOSKEY, MIS		2575	1940	50	1.7	20.4	5	0	0	1	37	0.20	L	4	MC	DEV
ABD 1952, REV 1965																
HIOALGO E, JASPER, 8N, 10E																
MCCLOSKEY, MIS		2467	1966	10	1.1	8.6	1	0	0	1		0	6	MIS	2747	
HIDALGO N, CUMBERLAND, 9N, 9E																
			1946	220	0.0	75.9	16	0	0	11				MIS	2807	
SPAR MTN, MIS		2655	1946	220			9	0	0		37	S	12			
MCCLOSKEY, MIS		2676	1959	#			10	0	0		37	OL	9			
HIOALGO S, JASPER, 8N, 10E																
MCCLOSKEY, MIS		2628	1964	50	0.0	2.6	4	0	0	2		0	4	MIS	3040	
HIGHLAND, MADISON, 4N, 5W																
HAROLD, DEV		1941	1960	10	0.0	0.0	1	0	0	0		S	7	U	DEV	1983
ABD 1962																
HILL, EFFINGHAM, 6N, 6E																
MCCLOSKEY, MIS		2565	1943	60	0.7	43.6	4	0	1	1	39	L	5	N	MIS	2963
ABD 1950, REV 1970																
*HILL E, EFFINGHAM, 6N, 6E																
			1954	480	12.1	1257.1	37	0	1	5				MIS	3251	
(CONTINUED ON NEXT PAGE)																









TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- covery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. *API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
*JOHNSONVILLE C, WAYNE, IN, 1S, 6-7E (CONTINUED FROM PREVIOUS PAGE)																
	AUX VASES, MIS	3020		2820		147	1	6		39	0.14	S	20	AL		
	OHARA, MIS	3120		8070		29	0	0		38		OL	10	AC		
	SPAR MTN, MIS	3150		#		8	0	0		38		OL	8	AC		
	MCCLOSKEY, MIS	3170		#		330	1	6		38	0.17	OL	15	AC		
	ST. LOUIS, MIS	3256	1961	110		10	0	0				L	14	A		
	SALEM, MIS	3852	1960	40		2	0	0				L		AC		
JOHNSONVILLE N, WAYNE, IN, 6E																
			1943	150	0.0	91.8	8	0	0	0				A	MIS	3335
	OHARA, MIS	3190		150		1	0	0		38	0.17	OL	3	AC		
	SPAR MTN, MIS	3220		#		7	0	0				L	8	AC		
	MCCLOSKEY, MIS	3250		#		1	0	0		38	0.17	OL	3	AC		
A80 1966, REV 1968, A80 1969																
*JOHNSONVILLE S, WAYNE, IS, 6E																
			1942	440	1.0	806.5	35	0	0	12				A	MIS	3335
	AUX VASES, MIS	3060		340		27	0	0		38		S	15	A		
	SPAR MTN, MIS	3160		140		1	0	0				L	4	AC		
	MCCLOSKEY, MIS	3200		#		7	0	0		38		L	5	AC		
*JOHNSONVILLE W, WAYNE, IN, 1S, 5-6E																
			1942	790	35.0	1918.5	64	1	3	25				M	MIS	3385
	BETHEL, MIS	2925		10		1	0	0				S	7	ML		
	AUX VASES, MIS	2900		390		32	1	2				S	6	ML		
	OHARA, MIS	2930		390		5	0	0				L	6	MC		
	SPAR MTN, MIS	3015		#		10	0	0				L	4	MC		
	MCCLOSKEY, MIS	3100		#		18	0	1		40		L	7	MC		
*JOHNSTON CITY E, WILLIAMSON, 8S, 3E																
			1959	140	48.6	483.4	12	0	0	7					MIS	2968
	CYPRESS, MIS	2290	1959	130		9	0	0				S	20			
	AUX VASES, MIS	2620	1962	140		6	0	0		36		S	10			
	SPAR MTN, MIS	2666	1963	10		1	0	0				L	7			
	MCCLOSKEY, MIS	2680	1963	#		1	0	0				OL	12			
JOHNSTON CITY N E, WILLIAMSON, 8S, 3E																
	AUX VASES, MIS	2818	1969	50	48.4	115.4	4	0	0	4		S	1	6	MIS	3014
*JUNCTION, GALLATIN, 9S, 9E																
			1939	380	5.6	674.7	32	0	7	9				M	MIS	3600
	PENNSYLVANIAN	1150		30		4	0	0				S	7	ML		
	WALTERSBURG, MIS	1750		300		26	0	7		37		S	14	ML		
	HARDINSBURG, MIS	2120		30		1	0	0				S	5	ML		
	CYPRESS, MIS	2275		20		2	0	0				S	12	ML		
	MCCLOSKEY, MIS	2730	1955	10		1	0	0				L	9	MC		
*JUNCTION E, GALLATIN, 8-9S, 9E																
	WALTERSBURG, MIS	2000	1953	20	2.7	65.0	2	0	0	1	37	S	14		MIS	2970
*JUNCTION N, GALLATIN, 8-9S, 9E																
			1946	190	10.6	221.6	19	0	1	7				M	MIS	2983
	PENNSYLVANIAN	1565		100		10	0	1		36		S	16	ML		
	CYPRESS, MIS	2450		30		3	0	0				S	10	ML		
	AUX VASES, MIS	2725		40		3	0	0				S	4	ML		
	SPAR MTN, MIS	2860	1955	40		3	0	0				L	6	MC		
JUNCTION CITY C, MARION, 2N, 1E																
			1910	170	0.8	27.6	17	1	0	12				NL	OEV	3346
	OYKSTRAICUBA), PEN	510	1910	170		11	0	0		32		S	0	NL		
	WILSON, PEN	680	1952	#		6	1	0				S	8	NL		
*KEENSBURG E, WABASH, 2S, 13W																
			1939	40	0.0	9.0	3	0	0	0				M	MIS	2802
	OHARA, MIS	2705		40		1	0	0				L	10	MC		
	MCCLOSKEY, MIS	2710		#		2	0	0		38	0.26	L	6	MC		
A80 1947																
*KEENSBURG S, WABASH, 2-3S, 13W																
			1944	300	45.6	796.4	28	0	0	16				A	MIS	2879
	PENNSYLVANIAN	1145		150		16	0	0		33		S	15	AL		
	CYPRESS, MIS	2385		130		11	0	0		36		S	9	AL		
(CONTINUED ON NEXT PAGE)																

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. Sul- fur		Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
											*API	(%)				
(CONTINUED FROM PREVIOUS PAGE)																
*KEENSBURG S, WABASH, 2-3S, 13W	OHARA, MIS	2715		20			1	0	0				L	10	AC	
*KEENVILLE, WAYNE, 1S, 5E			1945	710	7.6	2241.6	58	0	0	7					A	MIS 3553
	AUX VASES, MIS	2960		340			25	0	0		36		S	20	AL	
	OHARA, MIS	3050		440			5	0	0				L	8	AC	
	SPAR MTN, MIS	3060		#			1	0	0				L	10	AC	
	MCCLOSKEY, MIS	3100		#			29	0	0	37			L	7	AC	
KEENVILLE E, WAYNE, 1S, 5E			1951	90	1.5	86.0	6	0	0	4						MIS 3638
	SPAR MTN, MIS	3075	1967	80			1	0	0				L	4		
	MCCLOSKEY, MIS	3140	1951	#			5	0	0				L	10		
	ST LOUIS	3190	1967	10			2	0	0				L	1	0	
KELL, JEFFERSON, 1S, 3E																
	MCCLOSKEY, MIS	2625	1942	50	0.0	14.0	5	0	0	0	39	0.26	L	6	A	MIS 2720
				ARD 1944, REV 1958, ARD 1962												
KELL W, MARION, 1N, 2E																
	MCCLOSKEY, MIS	2354	1962	10	0.0	0.8	1	0	0	0			OL	6		MIS 2475
				ARD 1964												
KELLERVILLE, ADAMS, BROWN, 1-2S, 5W																
	SILURIAN	637	1959	590	4.0	204.5	53	1	10	24	37		D	7	AC	STP 1075
*KENNER, CLAY, 3N, 5-6E																
			1942	1230	23.3	2308.4	105	1	6	25					A	DEV 4624
	TAR SPRINGS, MIS	2200		10			1	0	0				S	7	AL	
	BENOIST, MIS	2690		700			56	1	0		37	0.22	S	10	A	
	RENAULT, MIS	2761	1958	230			16	0	4		36		S	9	A	
	AUX VASES, MIS	2835		850			49	1	1		38		S	9	AL	
	SPAR MTN, MIS	2875		120			4	1	0				LS	5	AC	
	MCCLOSKEY, MIS	2930		#			5	1	1				L	7	AC	
	ST. LOUIS, MIS	2978	1964	10			1	0	0				L	4		
	CARPER, MIS	4221	1959	10			1	0	0				S	10	A	
	DEVONIAN	4424	1959	10			1	0	0				L	55	A	
*KENNER N, CLAY, 3N, 6E																
			1947	390	0.0	88R.5	36	0	0	1					A	DEV 4784
	BENOIST, MIS	2755		390			31	0	0		38		S	8	A	
	MCCLOSKEY, MIS	2970		80			5	0	0		36		L	6	AC	
KENNER S, CLAY, 2N, 5E																
			1950	40	2.1	14.2	4	1	0	3					A	MIS 3000
	BENOIST, MIS	2730	1967	20			2	0	0				S	5	A	
	MCCLOSKEY, MIS	2870	1950	30			4	1	0		37		L	10	AC	
	AUX VASES, MIS	2768	1971	10			1	1	0				S	6		
				ARD 1952, REV 1967												
*KENNER W, CLAY, 3N, 5E																
			1947	410	4.2	2084.1	35	0	0	8					A	DEV 4800
	CYPRESS, MIS	2600		350			27	0	0		37		S	26	A	
	BENOIST, MIS	2705		230			16	0	0		38		S	9	A	
	RENAULT, MIS	2802	1960	10			1	0	0				S	10	A	
	AUX VASES, MIS	2837	1960	110			8	0	0				S	24	A	
	MCCLOSKEY, MIS	2870		20			2	0	0		34		L	4	A	
KEYESPORT, CLINTON, 3N, 2W																
	BENOIST, MIS	1180	1949	180	0.0	171.3	20	0	0	15	35		S	8	AL	MIS 1358
KINCAID C, CHRISTIAN, 13-14N, 3W																
			1955	2620	37.7	4866.9	148	0	1	142					MU	STL 1971
	H188ARO, DEV	1800	1955	2620			147	0	0				OS	19	MU	
	SILURIAN	1874	1959	10			1	0	1				D	7		
*KING, JEFFERSON, 3-4S, 3E																
			1942	1430	28.4	3614.9	112	0	4	35					A	DEV 4775
	RENAULT, MIS	2718	1959	10			1	0	0				S	0	A	
	AUX VASES, MIS	2725	1942	1380			104	0	4		39	0.17	S	15	AL	
(CONTINUED ON NEXT PAGE)																

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. *API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
*KING, JEFFERSON, 3-4S, 3E	(CONTINUED FROM PREVIOUS PAGE)															
OHARA, MIS	2765		320			11	0	0					L	10	AC	
SPAR MTN, MIS	2815		#			7	0	0			40	0.16	L	10	AC	
MCCLOSKEY, MIS	2840		#			4	0	0					L	5	AC	
KINMUNOY, MARION, 4N, 2-3E																
BENDIST, MIS	1915	1950	80	2.9	78.5	7	0	0		3					A	DEV
SALEM, MIS	2430		20			2	0	0			29		S	3	A	3650
CARPER, MIS	3384	1962	10			1	0	0					L	7	A	
			50			4	0	0			37		S	17		
A80 1960, REV 1962																
KINMUNOY N, MARION, 4N, 3E																
BENDIST, MIS	2050	1953	10	1.0	1.5	2	1	0		1			S	6		MIS
A80 1954, REV 1971																
LACLEOE, FAYETTE, 5N, 4E																
BENDIST, MIS	2335	1943	50	0.4	28.8	6	0	0		1	36	0.18	S	15	A	MIS
LAKEWOOD, SHELBY, 10N, 2-3E																
BENDIST, MIS	1690	1941	120	0.5	273.0	12	0	0		3					A	SIL
AUX VASES, MIS	1720		70			7	0	0			30		S	7	AL	3127
			50			5	0	0			32	0.23	S	8	AL	
*LANCASTER, WABASH, LAWRENCE, 1-2N, 13W																
TAR SPRINGS, MIS	2050	1959	10	75.0	4739.9	137	0	0		57					A	DEV
BETHEL, MIS	2540		980			1	0	0					S	3	A	4555
OHARA, MIS	2670		820			84	0	0			36		S	14	AL	
SPAR MTN, MIS	2649	1964	#			3	0	0					L	10	AC	
MCCLOSKEY, MIS	2690		#			3	0	0					L	6		
						48	0	0			40	0.28	L	7	AC	
LANCASTER CEN, WABASH, 1N, 13W																
OHARA, MIS	2750	1946	230	0.0	376.3	15	0	0		0					M	MIS
SPAR MTN, MIS	2810		230			5	0	0					L	7	MC	3607
MCCLOSKEY, MIS	2815		#			10	0	0			37		L	7	MC	
						2	0	0					L	8	MC	
A8C 1961																
LANCASTER E, WABASH, 2N, 13W																
BIEHL, PEN	1745	1944	60	4.7	66.7	5	0	1		2					M	MIS
SPAR MTN, MIS	2660		50			4	0	1		31			S	10	ML	2750
			10			1	0	0					L	6	MC	
*LANCASTER S, WABASH, 1N, 13W																
BETHEL, MIS	2520	1946	290	5.6	400.7	20	0	0		16					M	MIS
OHARA, MIS	2670		270			18	0	0			36		S	6	ML	2817
MCCLOSKEY, MIS	2720		30			1	0	0					L	6	MC	
			#			1	0	0					L	12	MC	
LANGEWISCH-KUESTER, MARION, 1N, 1E																
UNNAMED, PEN	795	1910	110	8.1	31.2	15	0	0		0					N	DEV
CYPRESS, MIS	1600	1910	10			2	0	0					S		N	3509
			100			13	0	0			33		S		N	
*LAWRENCE, LAWRENCE, CRAWFORD, 2-5N, 11-13W																
TRIVOLI, PEN	290	1906	35810	0.0	0.0	6758	24	41		2775					A	STP
CURA, PEN	450		10630			19	6				28		S	0	A	5190
BRIDGEPORT, PEN	800		#			4	2						S	0	A	
LPENNSYLVANIAN	950		#			1313	4				36		S	40	A	
BUCHANAN, PEN	1250		#			23	0						S	15	A	
RIOGLEY	1300		#			543	2				33		S	15	A	
TAR SPRINGS, MIS	1410		#			0	0						S	0		
HARDINSBURG, MIS	1570		30			4	1				34		S	10	A	
JACKSON(GAS), MIS	1370		100			11	3				33		S	10	A	
CYP(KIRKWOOD), M	1400		1380			312	2				33		S	15	A	
SAMPLE, MIS	1600		21880			4479	10				40		S	30	A	
BETH(TRACEY), MIS	1650		9730			178	0						S	8	A	
BENDIST, MIS	1695		#			1000	3				38		S	20	A	
AUX VASES, MIS	1775		#			93	0				38		S	7	A	
OHARA, MIS	1750		670			51	0				38		S	8	A	
SPAR MTN, MIS	1860		11920			14	0						L	8	A	
MCCLOSKEY, MIS	1860		#			61	0				33		LS	4	A	
ST. LOUIS, MIS	1660		#			1125	1				40		L	10	A	
			210			10	0						L	10	A	
(CONTINUED ON NEXT PAGE)																

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test		
	Name and age	Depth (ft)			During 1971	To end of 1971	Completed to end of 1971	Completed in 1971	Abandoned 1971	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)		
*LAWRENCE, LAWRENCE, CRAWFORD, 2-5N, 11-13W (CONTINUED FROM PREVIOUS PAGE)																	
SALEM, MIS		1955		90			4	0				L	2	A			
SEE LAWRENCE COUNTY DIVISION FOR PRODUCTION																	
LAWRENCE COUNTY DIVISION, LAWRENCE, CRAWFORD																	
		1900		36760	4394.0	356480.8	6907	24	41	2817						0	
TOTALS FOR LAWRENCE AND ST. FRANCISVILLE POOLS																	
*LAWRENCE W, LAWRENCE, 3N, 13W																	
		1952		620	0.0	445.2	51	0	0	32					MIS	2324	
PAINT CREEK, MIS	1978	1962		560			8	0	0			S	13				
BETHEL, MIS	2050			#			34	0	0		33	S	15				
AUX VASES, MIS	2110			20			2	0	0			S	8				
OHARA, MIS	2214	1968		40			1	0	0			L	16				
SPAR MTN, MIS	2193	1963		#			2	0	0			L	2				
MCCLOSKEY, MIS	2225			#			2	0	0		40	L	11				
*LEXINGTON, WABASH, 1S, 14W																	
		1947		140	2.2	415.5	12	0	0	2				A	MIS	3031	
CYPRESS, MIS	2585			10			1	0	0		32	S	10	AL			
OHARA, MIS	2912	1968		130			1	0	0			L	3				
MCCLOSKEY, MIS	2970			#			11	0	0		38	L	8	AC			
LEXINGTON N, WABASH, 1S, 14W																	
STE. GEN, MIS		2915	1951	20	0.0	6.4	2	0	0	0		L	4	MC	MIS	3045	
				A80	1958												
*LILLYVILLE, CUMBERLAND, EFFINGHAM, 8-9N, 6-7E																	
		1946		180	19.7	519.6	13	0	0	7					OEV	4000	
SPAR MTN, MIS	2433	1968		180			1	0	0			S	6				
MCCLOSKEY, MIS	2425	1946		#			12	0	0		36	L	10	A			
LIS, JASPER, 7N, 9E																	
SPAR MTN, MIS		3022	1964	10	0.0	0.5	1	0	0	0		S	5		MIS	3050	
				A80	1967												
LITCHFIELD, MONTGOMERY, 8-9N, 5W																	
UNNAMEO, PEN		660	1989	150	0.0	24.0	18	0	0	0	23	0.24	S	0	0	STP	3000
				A80	1904, REV 1942, A80												
LITCHFIELD S, MONTGOMERY, 8N, 5W																	
PENNSYLVANIAN		610	1967	50			4	0	0	4		S	3		PEN	690	
*LIVINGSTON, MAOISON, 6N, 6W																	
PENNSYLVANIAN		535	1948	420	3.4	689.8	60	0	13	24	35	S	15	ML	ORO	2378	
*LIVINGSTON S +, MAOISON, 5-6N, 6W																	
PENNSYLVANIAN		530	1950	580	20.4	391.9	64	0	0	45	35	S	7	ML	SIL	1735	
*LOCUST GROVE, WAYNE, 1N, 9E																	
		1951		150	5.3	236.5	13	0	0	2					MIS	3428	
AUX VASES, MIS	3215			110			8	0	0		42	S	10				
OHARA, MIS	3240			40			4	0	0			L	4				
MCCLOSKEY, MIS	3280			#			1	0	0			L	6				
LOCUST GROVE S, WAYNE, 1S, 9E																	
		1953		160	0.0	109.5	8	0	1	0					MIS	3410	
OHARA, MIS	3248	1958		160			2	0	0		39	L	6				
SPAR MTN, MIS	3300	1953		#			3	0	0		37	L	10				
MCCLOSKEY, MIS	3286	1958		#			4	0	1		39	L	4				
				A80	1971												
LOGAN, FRANKLIN, 7S, 3E																	
		1966		30	5.2	63.4	3	0	1	2					MIS	3176	
AUX VASES, MIS	2920	1968		10			1	0	1			S	8				
SPAR MTN, MIS	3028	1966		20			1	0	0			L	4				
MCCLOSKEY, MIS	3082	1966		#			1	0	0			L	8				
LONG BRANCH, SALINE, HAMILTON, 7S, 6E																	
		1950		70	2.3	325.8	12	0	1	6				A	MIS	3389	
(CONTINUED ON NEXT PAGE)																	

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Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test		
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- duc- ing end of year	Gr. *API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)		
LONG BRANCH, SALINE, HAMILTON, 7S, 6E (CONTINUED FROM PREVIOUS PAGE)																	
PALESTINE, MIS	2070			20			2	0	0			S	8	AL			
CYPRESS, MIS	2745			20			3	0	0			S	13	AL			
AUX VASES, MIS	3095			40			6	0	1		37	S	9	AL			
MCCLOSKEY, MIS	3220			20			2	0	0			L	5	AC			
LONG BRANCH S, SALINE, 8S, 6E																	
CYPRESS, MIS	2660	1955		10	0.0	8.9	1	0	1	0		S	8		MIS	3210	
ARO 1971																	
*LOUQUEN +, FAYETTE, EFFINGHAM, 6-9N, 2-4E																	
	1937		24480	4310.0	349882.0	2333	3	122		1303				A	PC	8616	
CYPRESS, MIS	1500		21390			1576	3	10			36	0.25	S	30	A		
BETHEL, MIS	1540		8690			351	5	29			38	0.24	S	15	A		
BENDIST, MIS	1550		6880			713	0	1			38	0.20	S	10	A		
AUX VASES, MIS	1600		540			10	0	0			37	0.17	S	6	AL		
MCCLOSKEY, MIS	1785	1955	10			1	0	0					L	4	AC		
CARPER, MIS	2830		20			3	0	0			36		S	9	AL		
GENEVA, OEV	3000		2610			93	0	0			28	0.48	O	15	A		
TRENTON, ORO	3905	1955	20			2	0	0					L	12	A		
*LOUISVILLE N, CLAY, 4N, 6E																	
	1953		90		0.9	55.6	6	0	1	2				M	MIS	2977	
AUX VASES, MIS	2755	1953	40			2	0	0					S	10	ML		
SPAR MTN, MIS	2812	1961	50			4	0	1					L	9	ML		
ABD 1956, REV 1962																	
LOUISVILLE S, CLAY, 3N, 6E																	
	1960		20		0.0	0.0	2	0	0	0					MIS	3048	
AUX VASES, MIS	2823	1960	10			1	0	0					S	6			
OHARA, MIS	2893	1960	10			1	0	0					L	2			
ABO 1967																	
LYNCHBURG, JEFFERSON, 3S, 4E																	
MCCLOSKEY, MIS	3045	1951	60	3.4	309.7	3	0	0		1	38		L	8	AC	MIS	3579
*MCKINLEY, WASHINGTON, 3S, 4W																	
	1940		250		3.1	759.2	30	0	0	15				O	ORO	3983	
BENDIST, MIS	1050		180			17	0	0		41	0.18	S	5	O			
SILURIAN	2240		150			12	0	0		39		L	40	R			
*MACEONIA, FRANKLIN, 5S, 4E																	
ULLIN, MIS	4097	1961	10	0.0	6.0	1	0	0		0			L	12		OEV	5249
ABO 1965																	
*MAIN C +, CRAWFORD, LAWRENCE, JASPER, 5-8N, 10-14W																	
	1906		61660	1979.4	220472.1	11344	21	102		3458					STP	5317	
CURA, PEN	510		59390			75	0				32		S	0	ML		
UNNAMEO, PEN	750		#			4	0						S	5	ML		
ROBINSON, PEN	950		#			9859	2			35			S	25	ML		
PENNSYLVANIAN	1250		#			29	0						S	0	ML		
BARLOW, MIS	1201	1968	10			1	0						OL	10			
CYPRESS, MIS	1480		650			42	0			33			S	15	ML		
PAINT CREEK, MIS	1280		4660			0	0						S	30	ML		
BETHEL, MIS	1400		#			157	19			36			S	18	ML		
AUX VASES, MIS	1430		2530			119	15			35			S	15	ML		
SPAR MTN, MIS	1515		680			2	0						S	6	MC		
MCCLELLONG, MIS	1400		#			149	0						L	0	MC		
SALEM, MIS	1815		290			14	0			37			L	5	MC		
OEVONIAN	2795	1941	50			3	0			37			L	11	MC		
*MAPLE GROVE C, EDWARDS, WAYNE, 1-2N, 9-10E																	
	1943		2090		6.2	4452.0	111	1	1	25				A	MIS	3880	
AUX VASES, MIS	3145		460			30	1	0		38			S	15	A		
OHARA, MIS	3230		1650			4	0	0		27			L	3	AC		
SPAR MTN, MIS	3250		#			1	0	0					L	1	AC		
MCCLOSKEY, MIS	3260		#			82	0	0		41			L	6	A		
SALEM, MIS	3660	1967	10			1	0	1					L	4			
MAPLE GROVE S, EDWARDS, 1N, 10E																	
MCCLOSKEY, MIS	3250	1945	20	0.9	10.4	2	0	0		1			L	10	MC	MIS	3358
ABO 1950, REV 1970																	
MARCOE, JEFFERSON, 3S, 2E																	
(CONTINUED ON NEXT PAGE)																	



TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
							Completed to end of 1971	Completed in 1971	Abandoned 1971	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
	Name and age	Depth (ft)			During 1971	To end of 1971										
(CONTINUED FROM PREVIOUS PAGE)																
MARCOE, JEFFERSON, 3S, 2E																
MCCLOSKEY, MIS	2745	1938		20	0.0	13.0	2	0	0	0	23	0.54	L	15	MC	MIS 3066
				ABO 1941												
*MARINE, MADISON, 4N, 6W																
DEV-SIL	1700	1943		2440	47.7	11727.5	147	0	6	126	35	0.28	L	20	R	ORO 2619
MARINE W, MADISON, 5N, 7W																
DEVONIAN	1653	1965		100	1.3	22.4	5	0	0	2	36		L	3		ORO 2355
MARION, WILLIAMSON, 9S, 3E																
AUX VASES, MIS	2385	1950		10	0.0	0.2	1	0	0	0	40		S	5		MIS 2560
				ABO 1951												
MARION E, WILLIAMSON, 9S, 3E																
BETHEL, MIS	2295	1959		10	0.0	1.1	2	0	0	0			S	8		MIS 2642
				ABO 1963												
MARISSA W +, ST. CLAIR, RANDOLPH, 3-4S, 7W																
CYPRESS, MIS	215	1962		30	0.0	0.0	3	0	0	0	25		S	34		MIS 308
				ABO 1966												
*MARKHAM CITY, JEFFERSON, 2-3S, 4E																
STE. GEN, MIS	3070	1942		340	19.5	1553.6	19	0	0	4	38		L	10	A	MIS 3215
*MARKHAM CITY N, JEFFERSON, WAYNE, 2S, 4-5E																
		1943		290	13.1	1401.7	23	0	2	9				A	MIS 3169	
AUX VASES, MIS	2950			120			9	0	1		38		S	6	AL	
MCCLOSKEY, MIS	3075			310			16	0	1		36	0.24	L	8	AC	
*MARKHAM CITY W, JEFFERSON, 2-3S, 4E																
		1945		500	11.8	2368.5	40	0	0	3				A	MIS 3797	
AUX VASES, MIS	2905			310			19	0	0		39		S	15	AL	
MCCLOSKEY, MIS	3035			310			23	0	0		37		L	7	AC	
SALEM, MIS	3774	1969		10			1	0	0				L	4		
*MARTINSVILLE, CLARK, 9-10N, 13-14W																
		1907		2590			354	0	0	191				0	STP 3411	
SHALLOW, PEN	255			2290			10	0	0				S	0		
CASEY, PEN	500			#			96	0	0				S	0		
MARTINSVILLE, MIS	480			500			27	0	0				L	0		
CARPER, MIS	1340			1040			84	0	0		37		S	40	0	
DEVONIAN	1550			700			45	0	0		36		L	0		
TRENTON, ORO	2700			70			5	0	0		40		L	0		
SEE CLARK COUNTY DIVISION FOR PRODUCTION																
*MASON N, EFFINGHAM, 6N, 5E																
		1951		240	5.9	381.0	16	0	1	9				A	MIS 2553	
BENOIST, MIS	2290			180			11	0	1		38		S	13	AL	
AUX VASES, MIS	2355			10			1	0	0				S	5	AL	
SPAR MTN, MIS	2390			90			4	0	0				L	18	AC	
MCCLOSKEY, MIS	2475			#			3	0	0				L	5	AC	
MASSILON, WAYNE, EDWARDS, 1S, 9-10E																
OHARA, MIS	3255	1946		70	0.0	91.2	3	0	0	0	37		L	6	MC	MIS 3472
				ABC 1953												
MASSILON S, EDWARDS, 1S, 10E																
OHARA, MIS	3315	1947		10	0.0	0.3	1	0	0	0			L	9	MC	MIS 3391
				ABC 1947												
*MATTOON, COLES, 11-12N, 7-8E																
		1939		5970	279.4	19098.9	545	5	10	265				A	STP 4915	
CYPRESS, MIS	1750			3180			246	2	6		39	0.16		0		
AUX VASES, MIS	1900			570			28	0	0		32		S	15	AL	
SPAR MTN, MIS	1950			4820			393	2	4		38	0.21	S	12	A	
MCCLOSKEY, MIS	2010			#			6	0	0		37		L	5	AC	
CARPER, MIS	2950	1955		420			22	0	1				S	10	A	
DEVONIAN	3162	1971		20			1	1	1					9		

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. *API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
*MATTOON N, COLES, 13N, 7E																
	SPAR MTN, MIS	1902	1960	160	7.0	345.6	12	0	0	8	40	S	12	A	MIS	1967
MATTOON S, CUMBERLAND, 11N, 7E																
	CARPER, MIS	3035	1962	50 A80 1966	0.0	4.7	3	0	0	0		S	10		MIS	3337
MAUNIE E, WHITE, 6S, 11E																
	TAR SPRINGS, MIS	2280	1951	80	0.0	58.3	6	0	0	1				AF	MIS	3048
	AUX VASES, MIS	2870	1951	10 70 A80 1952, REV 1955			1	0	0		35	S	8			
							5	0	0			S	20	AF		
*MAUNIE N C, WHITE, 5-6S, 10-11E, 14W																
	PENNSYLVANIAN	1320	1941	2120	73.7	4746.8	177	0	15	48				A	MIS	3260
	WALTERSBURG, MIS	2305		10			1	0	0		25	S	20	AL		
	TAR SPRINGS, MIS	2350		130			10	0	0		37	S	12	AL		
	HAROLDSBURG, MIS	2565		160			10	0	1		35	S	10	AL		
	SAMPLE, MIS	2830		10			1	0	0			S	10	A		
	BETHEL, MIS	2820		480			2	0	0			S	13	AL		
	RENAULT, MIS	2935		#			30	0	1		35	S	13	AL		
	AUX VASES, MIS	2930		10			1	0	1			L	2	AC		
	OHARA, MIS	2995		870			89	0	13		36	S	13	AL		
	SPAR MTN, MIS	3025		880			8	0	0		37	L	4	AC		
	MCCLOSKEY, MIS	3035		#			23	0	2		36	L	6	AC		
							24	0	1		33	L	10	AC		
*MAUNIE SOUTH C, WHITE, 6S, 10-11E																
	BRIDGEPORT, PEN	1400	1941	1730	48.1	6969.1	168	0	0	57				A	MIS	3160
	BIEHL, PEN	1649	1959	170			10	0	0		24	S	7	AL		
	OEGONIA, MIS	1900		#			3	0	0		31	S	0	AL		
	PALESTINE, MIS	2010		120			13	0	0		35	S	10	AL		
	WALTERSBURG, MIS	2210		640			54	0	0		35	S	17	AL		
	TAR SPRINGS, MIS	2270		20			2	0	0			S	19	AL		
	CYPRESS, MIS	2590		790			50	0	0		37	S	16	AF		
	BETHEL, MIS	2735		370			28	0	0		36	S	10	AL		
	AUX VASES, MIS	2845	1941	10			1	0	0			S	0	AL		
	SPAR MTN, MIS	2900		120			12	0	0		35	S	12	AL		
	MCCLOSKEY, MIS	2920		40			1	0	0			L	8	AC		
				#			4	0	0			L	6	AC		
MAYBERRY, WAYNE, 2-3S, 6E																
	MCCLOSKEY, MIS	3350	1941	120	4.2	377.0	7	0	0	2	39	0.16	L	8	AC	OEI 5377
MAYBERRY N, WAYNE, 2S, 6E																
	MCCLOSKEY, MIS	3330	1948	10 A80 1950	0.0	1.4	1	0	0	0		L	2		MIS	3463
*MELROSE, CLARK, 9N, 13W																
	ISABEL, PEN	840	1953	160	0.0		13	0	0	2	35	S	10		PEN	878
MELROSE S, CLARK, 9N 13W																
	ISABEL, PEN	865	1953	20 A80 1959, REV 1964, A80 1969	0.0	0.0	2	0	0	0		S	7		PEN	888
*MILETUS, MARION, 4N, 4E																
	BENOIST, MIS	2140	1947	220	3.4	352.6	16	0	0	4		S	7	A	OEI 3950	
	AUX VASES, MIS	2200		130			8	0	0		35	S	7	A		
	MCCLOSKEY, MIS	2350		140			8	0	0		36	S	7	A		
				50			3	0	0		36	L	5	A		
MILLERSBURG, BONO, 4N, 4W																
	DEVONIAN	2130	1967	20 A80 1971	0.1	10.3	2	0	2	0		S	2		OEI 2160	
*MILL SHOALS, WHITE, HAMILTON, WAYNE, 2-4S, 7-8E																
	AUX VASES, MIS	3245	1939	3220	175.4	11027.7	246	0	3	98				A	MIS	5455
	OHARA, MIS	3320		2700			197	0	3		36	0.14	S	11	A	
	SPAR MTN, MIS	3345		1010			9	0	0			OL	11	AC		
	MCCLOSKEY, MIS	3375		#			14	1	0			LS	8	AC		
	ST. LOUIS, MIS	3546	1960	#			38	0	0		36	OL	5	AC		
	SALEM, MIS	3970	1961	10			1	0	0			L	10	AC		
	ULLIN, MIS	4110	1959	10			2	0	0			L	4	A		
							1	0	0			L	10	A		

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Completed to end of 1971	Completed in 1971	Abandoned 1971	Producing end of year	Gr. Sul-		Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
											*API	(%)				
MILLS PRAIRIE, EDWARDS, 1N, 14W																
OHARA, MIS	2925	1948		10	0.0	1.9	1	0	0	0			L	5	MC	MIS 3010
				A80	1952											
MILLS PRAIRIE N, EDWARDS, 1N, 14W																
OHARA, MIS	2925	1953		30	0.0	4.9	2	0	0	0	41		L	5	MC	MIS 3003
				A80	1956											
MITCHELLSVILLE, SALINE, 10S, 6E																
DEGONIA, MIS	1330	1955		20	0.6	21.8	2	0	0	1						MIS 2452
WALTERSBURG, MIS	1505	1955		10			1	0	0			S	6			
				10			1	0	0		38	S	9			
*MOORE, SHELBY, 10N, 4E																
BETHEL, MIS	1682	1961		360	5.0	293.6	18	0	0	13						OEV 3265
BENOIST, MIS	1742	1961		120			8	0	0			S	12			
AUX VASES, MIS	1772	1961		360			13	0	0			S	8			
				10			2	0	0			S	8			
MONTROSE, EFFINGHAM, 8N, 7E																
MCCLOSKEY, MIS	2523	1968		80	11.2	98.5	6	0	1	4			L	7		MIS 3005
*MCNTROSE N, CUMBERLAND, 9N, 7E																
MCCLOSKEY, MIS	2500	1969		20	3.8	8.4	2	0	0	2			O	10		MIS 2564
*MT. AUBURN C, CHRISTIAN, 15N, 1-2W																
SILURIAN	1890	1943		7190	73.5	6289.2	419	3	3	89	37	0.28	L	15	MU	TRN 2577
*MT. CARMEL ++, WABASH, 1N, 1S, 12W																
BRIEGEPOR, PEN	1370	1940		4450	391.1	16825.1	519	4	5	229					A	OEV 4237
BIEHL, PEN	1470			1110			5	0	0		34		S	20	AL	
JORDAN, PEN	1520			#			62	0	0		36	0.28	S	20	AL	
PALESTINE, MIS	1580			#			6	0	0				S	15	AL	
WALTERSBURG, MIS	1690			60			5	1	0				S	10	AL	
TAR SPRINGS, MIS	1790			30			3	0	0		36		S	10	AL	
JACKSON, MIS	2020			430			35	0	0		35		S	13	AL	
CYPRESS, MIS	2025			10			1	0	0				S	25	AL	
				3570			327	4	4		38	0.17	S	15	AL	
SAMPLE, MIS	2095			180			4	0	0		37		S	7	AL	
BETHEL, MIS	2110			#			13	0	1		35		S	16	AL	
OHARA, MIS	2320			1260			17	0	0		35		OL	5	AC	
SPAR MTN, MIS	2350			#			14	0	0		39	0.26	S	5	AL	
MCCLOSKEY, MIS	2360			#			65	0	0		37	0.42	OL	6	AC	
SALEM, MIS	2696			10			1	0	0				L	14		
MT. ERIE N, WAYNE, 1N, 9E																
AUX VASES, MIS	3110	1944		200	0.7	389.3	13	0	0	1					M	MIS 3366
OHARA, MIS	3170			110			5	0	0		40		S	8	ML	
MCCLOSKEY, MIS	3240			130			2	0	0				L	6	MC	
				#			5	0	0		37		L	5	MC	
				A80	1966, REV 1967											
MT. OLIVE +, MONTGOMERY, 8N, 5W																
POTTSVILLE, PEN	605	1942		80	0.0		6	0	0	0	33	0.16	S	6	A	SIL 1878
MT. VERNON, JEFFERSON, 3S, 3E																
AUX VASES, MIS	2665	1943		220	4.7	349.3	13	0	0	5					A	MIS 3262
OHARA, MIS	2750			70			5	0	0		36		S	8	A	
MCCLOSKEY, MIS	2800			150			2	0	0				L	6	AC	
				#			8	0	0		39	0.18	L	7	AC	
MT. VERNON N, JEFFERSON, 2S, 3E																
MCCLOSKEY, MIS	2675	1956		20	0.9	60.6	2	0	0	2			L	6		MIS 2751
MURDOCK, DOUGLAS, 16N, 10E																
PENNSYLVANIAN	370	1955		10			3	0	0	0	36		S	16		PEN 424
				A80	1957, REV 1961, A80 1968											
NASON, JEFFERSON, 3-4S, 2E																
		1943		30	0.6	50.0	3	0	0	1					ML	MIS 3925
(CONTINUED ON NEXT PAGE)																

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. *API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
(CONTINUED FROM PREVIOUS PAGE)																
NASON, JEFFERSON, 3-4S, 2E																
	OHARA, MIS	2758	1962	30			1	0	0		37		L	4		
	SPAR MTN, MIS	2790	1943	#			2	0	0		37		S	12	ML	
NEW RADEN E, CLINTON, 1N, 5W																
	SILURIAN	1935	1958	290	14.0	191.0	20	0	0	12	39		L	15	R	SIL 2200
NEW BELLAIR, CRAWFORD, 9N, 13W																
			1942	150	0.0	10.0	8	0	1	1					M	OEV 2801
	ISABEL, PEN	650		130			2	0					S	3	ML	
	PENNSYLVANIAN	1165		#	10.0		3	0			29	0.30	S	10	ML	
	AUX VASES, MIS	1280		40			3	0	1				S	20	M	
	ABC 1948, REV 1952, ABO 1954, REV 1956															
NEW CITY, SANGAMON, 14N, 4W																
	SILURIAN	1730	1954	350	3.1	183.5	30	1	1	10	39		L	11	MU	SIL 1855
NEW CITY S, CHRISTIAN, 14N, 4W																
	SILURIAN	2008	1963	20	0.6	61.9	2	0	0	2				17		SIL 1918
NEW DOUGLAS S, BCNO, 6N, 5W																
	PENNSYLVANIAN	640	1957	20	0.0	3.4	2	0	0	0			S	7		PEN 705
	ABO 1960															
*NEW HARMONY C ++, WHITE, WARASH, EDWARDS, 1N, 1-5S, 13-14W																
		1939	24820	2624.6	149605.0		2532	2	58	1055					A	SHK 7682
	JAMESTOWN, PEN	720		1770			3	0	0		32		S	13	AL	
	BRIDGEPORT, PEN	1340		#			9	0	1				S	7	AL	
	MANSFIELD, PEN	0		#			0	0	0				S	0	AL	
	BIEHL, PEN	1850		#			123	1	6		33		S	20	AL	
	JORDAN, PEN	1760		#			0	0	0				S	0	AL	
	DEGONIA, MIS	1925		130			10	0	0		34		S	10	AL	
	CLORE, MIS	1980		100			11	1	0				S	10	AL	
	PALESTINE, MIS	2000		260			22	0	0		23		S	10	AL	
	WALTERSBURG, MIS	2155		1220			121	0	1		36	0.40	S	20	AL	
	TAR SPRINGS, MIS	2215		2410			205	0	3		31	0.19	S	26	AL	
	HARDINSBURG, MIS	2290	1958	20			1	0	0				L	10	AL	
	CYPRESS, MIS	2570		10830			1052	1	24		35		S	20	AL	
	SAMPLE, MIS	2660		10820			60	0	1		36		S	20	AL	
	BETHEL, MIS	2700		#			868	1	21		37	0.24	S	27	AL	
	RENAULT, MIS	2761		10			1	0	0					8		
	AUX VASES, MIS	2800		8300			614	0	3		38	0.19	S	15	AL	
	OHARA, MIS	2900		4860			36	0	2		39		OL	6	AC	
	SPAR MTN, MIS	2910		#			45	0	3		38		LS	10	AC	
	MCCLOSKEY, MIS	2925		#			257	0	0		37	0.33	OL	8	AC	
	ST. LOUIS, MIS	3153		60			6	0	0				L			
	SALEM, MIS	3364	1959	50			7	0	0				L	16	AC	
	ULLIN, MIS	3755		30			3	0	0		36		L	6	AC	
NEW HARMONY S (ILL), WHITE, 5S, 14W																
		1941	90	2.5	108.8		8	0	0	1					A	MIS 3207
	WALTERSBURG, MIS	2250		30			3	0	0		35		S	18	AF	
	TAR SPRINGS, MIS	2350		10			1	0	0				S	16	AF	
	CYPRESS, MIS	2670		10			1	0	0				S	8	AF	
	BETHEL, MIS	2815		20			2	0	0				S	10	AF	
	AUX VASES, MIS	3005		10			1	0	0				S	7	AF	
	MCCLOSKEY, MIS	3010		20			1	0	0				L	5	AF	
*NEW HARMONY S (INO) ++, WHITE, 5S, 14W																
		1946	50	0.0	446.4		6	0	0	4					T	MIS 3068
	DEGONIA, MIS	1850		20			2	0	0				S	8	TF	
	PALESTINE, MIS	1955		50			1	0	0				S	10	TF	
	WALTERSBURG, MIS	2120		50			3	0	0				S	30	TF	
*NEW HAVEN C ++, WHITE, 7S, 10-11E																
		1941	630	47.1	2346.9		50	0	0	23					A	MIS 2981
	TAR SPRINGS, MIS	2105		250			19	0	0		38	0.27	S	12	AF	
	HARDINSBURG, MIS	2245		10			1	0	0		36		S	8	AF	
	CYPRESS, MIS	2445		450			17	0	0		39		S	12	AF	
	AUX VASES, MIS	2720		110			8	0	0		38		S	15	AF	
	OHARA, MIS	2799	1959	120			2	0	0				L	12	A	
	SPAR MTN, MIS	2828	1960	#			1	0	0				L	15	A	
	MCCLOSKEY, MIS	2820		#			5	0	0		35		OL	6	AC	

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- duc- ing end of year	Gr.		Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
											*API	Sul- fur (%)				
NEW HEBRON E +, CRAWFORD, 6N, 12W																
AUX VASES, MIS		1555	1954	50	0.0	.3	4	0	0	0		S	4	MIS	1571	
				ABC 1965												
*NEW MEMPHIS, CLINTON, 1N, 1S, 5W																
SILURIAN		1980	1952	640	55.5	2287.5	36	0	0	34	41	L	0 R	TRN	2900	
NEW MEMPHIS N, CLINTON, 1N, 5W																
OEV-SIL		2050	1954	90	0.4	41.6	7	0	0	7	40	L	15	ORD	2915	
NEW MEMPHIS S, CLINTON, WASHINGTON, 1S, 5W																
SILURIAN		2000	1952	20	0.0	0.7	2	0	0	0	27	L	25	ORD	2914	
				ABO 1952, REV 1956, ABO 1961												
*NEWTON, JASPER, 6N, 9E																
STE. GEN, MIS		2950	1944	50	2.3	98.5	6	0	0	1	37	L	6 MC	MIS	3040	
				ABO 1962, REV 1969												
NEWTON N, JASPER, 7N, 10E																
MCCLOSKEY, MIS		2855	1945	90	0.0	6.9	6	0	0	0		L	5 MC	MIS	2941	
				ABO 1948, REV 1960, ABO 1966												
NEWTON W, JASPER, 6-7N, 9E																
			1947	550	0.0	293.1	35	0	0	12				MIS	3425	
SPAR MTN, MIS		2912	1962	550			12	0	0			L	5			
MCCLOSKEY, MIS		3000	1947	#			29	0	0		38	L	7 MC			
				ABO 1947, REV 1952, ABO 1953, REV 1961												
NOBLE W, CLAY, 3N, 8E																
MCCLOSKEY, MIS		3035	1951	10	0.0	9.3	1	0	0	0		L	8	MIS	3622	
				APC 1959												
*OAKDALE, JEFFERSON, 2S, 4E																
			1956	390	2.1	814.3	30	0	0	21				MIS	3767	
AUX VASES, MIS		2860		370			26	0	0		38	S	35			
MCCLOSKEY, MIS		2985	1956	70			5	0	0		37	L	5			
*OAKDALE N, JEFFERSON, 2S, 4E																
MCCLOSKEY, MIS		2932	1960	170	20.6	625.5	12	0	0	7		OL	5	MIS	3077	
OAKLEY, MACON, 16N, 3E																
CEAR VALLEY, OEV		2285	1954	150	0.0	22.9	9	0	0	0	37	L	5	DEV	2335	
				ABO 1965												
*OAK POINT, CLARK, JASPER, 8-9N, 14W																
			1952	770	20.0	519.7	61	0	3	33			M	DEV	2691	
ISABEL, PEN		560		10			1	0	0			S	10 ML			
AUX VASES, MIS		1185	1955	670			53	0	0		37	S	17			
CARPER, MIS		2220		90			7	0	3			L	0 ML			
OAK POINT W, CLARK, CUMBERLAND, 9N, 11E, 14W																
AUX VASES, MIS		1190	1955	120	0.2	16.8	10	0	0	7	35	S	8	MIS	1560	
*OOLIN, MARION, 2N, 1-2E																
			1945	340	12.6	1829.9	33	0	0	25			A	DEV	3597	
CYPRESS, MIS		1750		340			30	0	0		37	S	13 AL			
BENOIST, MIS		1912	1963	10			1	0	0			S	3			
MCCLOSKEY, MIS		2085	1957	20			3	0	0			L	12 A			
OKAWVILLE, WASHINGTON, 1S, 4W																
SILURIAN		2325	1951	50	0.0	63.3	4	0	0	0	40	L	3 R	SIL	2603	
				ABC 1969												
OKAWVILLE NC, WASHINGTON, 1S, 4W																
OEV-SIL		2200	1955	220	18.9	114.9	17	0	0	11	40	L	0	ORD	3070	
*OLO RIPLEY, BONO, 5N, 4W																
			1954	880	12.4	469.3	75	0	1	58				DEV	2221	

(CONTINUED ON NEXT PAGE)



TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Completed to end of 1971	Completed in 1971	Abandoned 1971	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
(CONTINUED FROM PREVIOUS PAGE)																
*OLO RIPLEY, RONO, 5N, 4W																
PENNSYLVANIAN		600	1954	870		74	0	1		34		S	17	A		
AUX VASES, MIS		941	1964	10		1	0	0				S	19			
OLD RIPLEY N, RONO, 5N, 4W																
HARDIN, OEV		1991	1962	20	0.0	3.0	1	0	0	0		S	1		OEV	2040
				ARC 1966												
*OLNEY C, RICHLAND, JASPER, 4-5N, 10																
AUX VASES, MIS		2918	1938	3740	70.9	7986.6	214	1	8	39				A	MIS	3850
OHARA, MIS		3005	1960	80			5	0	0		37		S	0	A	
SPAR MTN, MIS		3050		3680			15	0	0		37	0.19	L	6	A	
MCCLOSKEY, MIS		3100		#			66	1	6		37	0.19	L	5	A	
				#			135	0	3		37	0.19	L	6	A	
*OLNEY S, RICHLAND, 3N, 10E																
OHARA, MIS		3142	1937	970	13.7	1007.1	58	0	0	20				M	OEV	4910
SPAR MTN, MIS		3100	1962	970			1	0	0				L	4		
MCCLOSKEY, MIS		3115		#			37	0	0		36		L	4	MC	
				#			36	0	0		37		L	3	MC	
*OMAHA +, GALLATIN, 7-PS, 8E																
JAKE CREEK, PEN		385	1940	1750	152.2	5298.9	160	0	10	112				0	MIS	3408
PENNSYLVANIAN		590		340			15	0	0		26		S	20	0	
BIEHL, PEN		1335		#			5	0	0		19		S	10	0	
PALESTINE, MIS		1700		410			5	0	0		22		S	10	0	
TAR SPRINGS, MIS		1900		160			27	0	1		27	0.24	S	15	0	
HARDINSBURG, MIS		2179	1961	80			9	0	0		27		S	15	0	
CYPRESS, MIS		2402	1959	150			6	0	2				S	18	0	
PAINT CREEK, MIS		2450	1961	40			12	0	2				S	12	0	
RETHEL, MIS		2570	1955	#			1	0	0				S	10		
AUX VASES, MIS		2730	1955	890			3	0	0				S	14	0	
OHARA, MIS		2734	1958	350			67	0	3		40		S	20	0	
SPAR MTN, MIS		2722	1958	#			18	0	3		39		L	14	0	
MCCLOSKEY, MIS		2800	1961	#			5	0	0				S	8	0	
				#			6	0	2				L	0	0	
OMAHA E, GALLATIN, 9S, 8E																
CYPRESS, MIS		2530	1946	130	0.0	61.2	11	0	0	1				M	MIS	3007
AUX VASES, MIS		2790	1957	30			3	0	0				S	6	M	
				10			1	0	0				S		M	
OHARA, MIS		2855		90			3	0	0		37		L	8	MCF	
SPAR MTN, MIS		2942	1960	#			1	0	0				L	9	MCF	
MCCLOSKEY, MIS		2884	1958	#			3	0	0		38		L	10	MCF	
*OMAHA S, GALLATIN, SALINE, 8S, 7-8E																
CYPRESS, MIS		2535	1951	140	19.7	70.2	9	0	0	2				N	MIS	3035
AUX VASES, MIS		2870	1955	90			5	0	0				S	15	NL	
SPAR MTN, MIS		2865		40			3	0	0				S	11	N	
				10			1	0	0				L	1	NC	
OMAHA W, SALINE, GALLATIN, 7-8S, 7-8E																
CYPRESS, MIS		2600	1950	160	20.0	325.9	12	0	0	10				A	MIS	3025
SAMPLE, MIS		2600	1967	60			5	0	0		37		S	14	AL	
AUX VASES, MIS		2800		80			5	0	0				S	12		
MCCLOSKEY, MIS		2910		20			2	0	0				S	30	AL	
				10			1	0	0				L	8	AC	
OMEGA, MARION, 3N, 4E																
RENOIST, MIS		2280	1946	70	0.0	25.4	5	0	0	0						
MCCLOSKEY, MIS		2490	1963	10			1	0	0				S	3		
			1946	60			4	0	0				L	10	0	
OPOYKE, JEFFERSON, 3S, 4E																
OHARA, MIS		3016	1961	40	0.0	7.2	2	0	0	0						
MCCLOSKEY, MIS		3074	1962	40			1	0	0				L	8		
			1961	#			2	0	0				OL	20		
*ORCHAROVILLE, WAYNE, 1N, 5E																
SAMPLE, MIS		2655	1950	200	16.9	313.0	17	0	0	12				A	MIS	4000
AUX VASES, MIS		2800	1958	10			1	0	0				S		A	
OHARA, MIS		2880		190			13	0	0		38		S	16	AL	
				60			2	0	0		37		L	3	AC	

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. °API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
*ORCHARDVILLE, WAYNE, 1N, 5E																
(CONTINUED FROM PREVIOUS PAGE)																
MCCLOSKEY, MIS		2905		#			4	0	0				L	5	AC	
ORCHARDVILLE N, WAYNE, 1N, 5E																
		1956	20	2.9	16.9	2	1	0	1						DEV	4694
	PAINT CREEK, MIS	2655	10		14.0	1	0	0				S	6			
	PAINT CREEK, MIS	2655	10		14.0	1	0	0				S	6			
	AUX VASES, MIS	2780	10			1	1	0				S	4			
ARC 1964, REV 1971																
*ORIENT, FRANKLIN, 7S, 2E																
AUX VASES, MIS		2660	30	18.7	123.7	3	0	0	3	38		S	24	MIS	2950	
ORIENT N, FRANKLIN, 7S, 2E																
AUX VASES		2680	10	0.0	0.3	1	0	0	1			S	4	MIS	3049	
*OSKALOOSA, CLAY, 3-4N, 5E																
		1950	480	5.1	2572.8	43	0	1	11				A	DEV	4490	
	RENOIST, MIS	2595	450			40	0	0		37		S	15	A		
	AUX VASES, MIS	2643	140			11	0	0		37		S	0	A		
	MCCLOSKEY, MIS	2755	260			13	0	1				L	5	A		
*OSKALOOSA E, CLAY, 3N, 5-6E																
		1951	20	0.0	35.2	2	0	0	0				A	MIS	3397	
	AUX VASES, MIS	2820	10		7.0	1	0	0				S	5	AL		
	MCCLOSKEY, MIS	2895	10		28.0	1	0	0				L	4	AC		
ARC 1954																
OSKALOOSA S, CLAY, 3N, 5E																
MCCLOSKEY, MIS		2770	130	7.2	67.6	10	1	1	6	33		L	4	AC	MIS	2993
PANA, CHRISTIAN, 11-12N, 1E																
RENOIST, MIS		1470	60	4.1	112.9	5	0	0	4	37		S	8	DEV	2947	
PANAMA *, RONO, MONTGOMERY, 7N, 3-4W																
		1940	60	0.0	21.9	6	0	1	1				A	DEV	2016	
GOLCONOA, MIS																
	RENOIST, MIS	705	40			4	0	0		31		L	12	A		
		865	20			2	0	1		28		S	12	A		
PANKEYVILLE, SALINE, 9S, 6E																
		1956	30	0.0	6.1	2	0	0	0					MIS	2742	
	CYPRESS, MIS	2250	20		6.1	2	0	0				S				
	AUX VASES, MIS	2511	10			1	0	0				S	22			
ARC 1957, REV 1961, ARC 1961																
PANKEYVILLE E, SALINE, 9S, 7E																
		1956	10	0.0	0.0	1	0	0	0					MIS	2604	
	CYPRESS, MIS	2250	10			1	0	0				S				
	PAINT CREEK, MIS	2360	10			1	0	0				S	13			
ARC 1957																
*PARKERSBURG C, RICHLAND, EDWARDS, 1-3N, 10-11E, 14W																
		1941	5250	9.7	10922.5	313	1	3	75				A	DEV	5129	
	PENNSYLVANIAN	2100	1000			1	0	0				S	18			
	WALTERS, MIS	2430	110			9	0	0		39		S	10	A		
	TAR SPRINGS, MIS	2440	10			1	0	0				S	2	A		
	CYPRESS, MIS	2830	180			10	0	0		36		S	12	A		
	BETHEL, MIS	2930	310			20	0	0		30		S	12	A		
	AUX VASES, MIS	3070	20			2	0	0				S	20	A		
	OHARA, MIS	3100	4670			4	0	0				L	10	A		
	SPAR MTN, MIS	3150	#			56	1	0		36	0.34	L	10	A		
	MCCLOSKEY, MIS	3175	#			199	0	3		36	0.31	OL	10	A		
PARKERSBURG S, EDWARDS, 1N, 14W																
		1948	100	1.4	92.3	9	0	0	4					MIS	3187	
	PENNSYLVANIAN	1400	70			6	0	0		35		S	10			
	CYPRESS		10			1	0	0				S				
	BETHEL, MIS	2815	20			3	0	0		35		S	5			

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test		
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. °API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)		
PARKERSBURG W, RICHLAND, EDWARDS, 2N, 10E																	
			1943	310	0.0	234.6	18	0	0	0			A	MIS	2780		
	OHARA, MIS	3220		390			1	0	0				L	5	AC		
	MCCLOSKEY, MIS	3260		#			17	0	0		38		L	6	AC		
AND 1962, REV 1964, AND 1965																	
PARNELL, DEWITT, 21N, 4E																	
			1963	410	6.4	49.4	29	0	0	28					TRN	1971	
	SONORA, MIS	671	1963	390			26	0	0		32		S	12			
	DEVONIAN		1964	20			3	0	0				S	12			
*PASSPORT, CLAY, 4-5N, 8E																	
			1945	980	24.9	3309.2	63	0	0	37			A	MIS	3831		
	AUX VASES, MIS	2924	1964	10			3	0	0				S	6			
	SPAR MTN, MIS	3005		970			2	0	0		38		L	5	AC		
	MCCLOSKEY, MIS	3020		#			59	0	0		37		L	10	A		
PASSPORT N, RICHLAND, 5N, 9E																	
	AUX VASES, MIS	2940	1959	60	3.1	57.5	5	0	0	3	36		S	10	MIS	3200	
*PASSPORT S, RICHLAND, CLAY, 4N, 8-9E																	
			1948	130	0.0	171.4	11	0	0	1			A	MIS	3692		
	TAR SPRINGS, MIS	2368	1962	10			1	0	0				S	9			
	CYPRESS, MIS	2665		80			7	0	0		38		S	15	AL		
	AUX VASES, MIS	2957	1960	10			1	0	0				S	8	A		
	SPAR MTN, MIS	3025		40			1	0	0				L	6	AC		
	MCCLOSKEY, MIS	3030		#			2	0	0		38		L	8	AC		
PASSPORT W, CLAY, 4N, 8E																	
	STE. GEN, MIS	3030	1954	150	0.0	69.4	11	1	0	1	37		L	5	AC	MIS	3120
AND 1967, REV 1971																	
*RATOKA, MARION, CLINTON, 3-4N, 1E, 1W																	
			1937	1560	74.2	14439.0	242	2	0	110			D	ORD	4056		
	CYPRESS, MIS	1280		60			8	0	0		39		S	10	D		
	BENOIST, MIS	1410		1000			180	0	0		37	0.16	S	27	O		
	AUX VASES, MIS	1459	1970	40			3	2	0				S	13			
	SPAR MTN, MIS	1550		510			15	0	0		41	0.31	S	9	D		
	GENEVA, DEV	2835		30			3	0	0		40	0.38	O	10	O		
	TRENTON, OKO	3950	1956	630			34	0	0		42		L	25	O		
*RATOKA E, MARION, 4N, 1E																	
			1941	560	79.5	5301.8	64	0	0	38				O	ORD	4178	
	CYPRESS, MIS	1340		560			54	0	0		36	0.18	S	16	O		
	BENOIST, MIS	1465		50			5	0	0		36	0.23	S	10	O		
	MCCLOSKEY, MIS	1635		40			3	0	0		34		L	8	O		
	GENEVA, DEV	2950		20			2	0	0		35		O	30	R		
*PATOKA S, MARION, 3N, 1E																	
			1953	1020	70.2	2083.9	82	0	0	62			A	MIS	1728		
	CYPRESS, MIS	1350	1953	830			63	0	0		36		S	10	A		
	BENOIST, MIS	1461	1959	230			20	0	0		38		S	15	A		
	SPAR MTN, MIS	1624	1959	50			2	0	0				S	5	A		
PATOKA W, FAYETTE, 4N, 1W																	
	BENOIST, MIS	1380	1950	200	0.0	303.6	20	0	0	0	32		S	6	A	MIS	1735
AND 1965																	
*PHILLIRSTOWN C, WHITE, EDWARDS, 3-5S, 10-11E, 14W																	
			1939	6660	764.2	26290.6	587	1	4	316			A	DEV	5350		
	ANVIL ROCK, PEN	795		1680			1	0	0		36		S	10	AF		
	CLARK-BROGPT, PEN	1350		#			14	0	0		36		S	10	AF		
	PENNSYLVANIAN	1450		#			14	0	0		36		S	10	AF		
	BUCHANAN, PEN	1550		#			25	0	0		30		S	15	AF		
	RIEHL, REN	1875		#			80	0	1		33	0.22	S	15	AF		
	KINKAIO, MIS	1954	1961	10			1	0	0				S	17	AF		
	OEGONIA, MIS	1975		740			60	0	0		36		S	15	AF		
	CLORE, MIS	2010		160			15	0	0		34		S	12	AF		
	RALESTINE, MIS	2050		90			8	0	0				S	11	AF		
	WALTERSBURG, MIS	2280		90			9	0	0		34		S	11	AF		
	TAR SPRINGS, MIS	2295		1080			87	0	0		35		S	15	AF		
	CYPRESS, MIS	2720		520			46	0	0		36		S	12	AF		
	PAINT CREEK, MIS	2780		1540			7	0	0		37		S	9	AF		
	BETHEL, MIS	2810		#			109	1	1		36		S	15	AF		
	AUX VASES, MIS	2880		980			75	0	1		37		S	15	AF		

(CONTINUED ON NEXT PAGE)

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Completed to end of 1971	Completed in 1971	Abandoned 1971	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
*PHILLIPSTOWN C, WHITE, EDWARDS, 3-5S, 10-11E, 14W (CONTINUED FROM PREVIOUS PAGE)																
	OHARA, MIS	3010		2010			28	0	0		36		L	10	AC	
	SPAR MTN, MIS	2960		#			36	0	1		38	0.21	LS	10	AC	
	MCCLOSKEY, MIS	3000		#			69	0	2		34	0.21	L	6	AC	
*PHILLIPSTOWN S, WHITE, 5S, 10E																
	TAR SPRINGS, MIS	2345	1951	150	1.4	146.4	14	0	0	4				M	MIS 3161	
	AUX VASES, MIS	2985	1951	100			7	0	0				S	10	MF	
	SPAR MTN, MIS	3083	1961	60			5	0	0	38			S	10	MF	
	MCCLOSKEY, MIS	3065	1957	20			1	0	0				L	8	MF	
				#			1	0	0				L	4	M	
PINKSTAFF, LAWRENCE, 4N, 11W																
	MCCLOSKEY, MIS	1735	1951	10	0.0	0.1	1	0	0	0			L	4	MIS 1797	
				ARC 1951												
PINKSTAFF E, LAWRENCE, 4N, 11W																
	MCCLOSKEY, MIS	1640	1955	10	0.0		1	0	0	0	35		L	6	MIS 2193	
				ARC 1961												
PITTSBURG N, WILLIAMSON, 8S, 3E																
	AUX VASES, MIS	2578	1964	30	5.1	32.4	3	0	0	3	37		S	8	MIS 3070	
PIXLEY, CLAY, 4N, 9E																
	CYPRESS, MIS	2680	1959	20	0.0	0.0	2	0	0	0			S	9	MIS 3121	
				ARC 1960												
PLAINVIEW, MACOUPIN, 9N, 8W																
	PENNSYLVANIAN	410	1942	10	0.0	2.0	1	0	0	0	34		S	5	PFN 563	
PLAINVIEW S, MACOUPIN, 8N, 8W																
	PENNSYLVANIAN	444	1959	10	0.0		1	0	0	0	23		S	8	PEN 642	
				ARC 1962												
POSEN, WASHINGTON, 3S, 2W																
	TRENTON, ORD	3900	1952	50	2.9	97.1	4	0	0	1	37		L	25	A ORD 3754	
POSEN N, WASHINGTON, 3S, 2W																
	TRENTON, ORD	4015	1953	10	0.0	3.9	1	0	0	0			L	15	AC ORD 4112	
				ARC 1959												
POSEN S, WASHINGTON, 3S, 2W																
	BENOIST, MIS	1255	1955	50	0.0		4	0	0	0			S	2	MIS 1370	
				ARC 1959												
POSEY, CLINTON, 1N, 2W																
	CYPRESS, MIS	1105	1941	300	59.5	375.0	29	3	0	26				M	SIL 2798	
	DEVONIAN	2675	1959	250			28	3	0		36	0.18	S	5	M	
				10			1	0	0				L	5	M	
POSEY E, CLINTON, 1N, 2W																
	DEV-SIL	2740	1952	460	24.1	519.5	26	0	1	23	38		L	8	DEV 2805	
POSEY W, CLINTON, 1N, 3W																
	DEVONIAN	2585	1954	10	0.0	0.8	1	0	0	0			L	15	DEV 2604	
				ARC 1954												
PRENTICE, MORGAN, 16N, 8W																
	PENNSYLVANIAN	270	1953	30	0.0	0.0	3	0	0	0			S	10	ORD 1513	
PYRAMID, WASHINGTON, 2S, 1W																
	DEVONIAN	3109	1962	100	0.3	44.1	6	0	1	1	36		S	6	DEV 3255	
*RACCOON LAKE, MARION, 1N, 1E																
	CYPRESS, MIS	1625	1949	380	11.5	3345.3	47	0	0	15				D	SIL 3530	
	BENOIST, MIS	1715	1957	240			18	0	0		34		S	10	D	
				20			2	0	0				S	15	OL	
(CONTINUED ON NEXT PAGE)																

(CONTINUED ON NEXT PAGE)

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- duc- ing end of year	Gr. °API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
*RACCOON LAKE, MARION, 1N, 1E -----	(CONTINUED FROM PREVIOUS PAGE)															
OHARA, MIS	1885		190			1	0	0				L	5	OC		
SPAR MTN, MIS	1930		#			11	0	0		36		S	12	OC		
MCCLOSKEY, MIS	1950		#			13	0	0		36		L	10	OC		
OEV-SIL	3330		270			15	0	0				O	10	R		
*RALEIGH, SALINE, 7-8S, 6E -----																
	1953		570	22.6	2184.8	49	0	0	17				A	MIS	3249	
TAR SPRINGS, MIS	2235		20			2	0	0				S	20	A		
CYPRESS, MIS	2550		440			38	0	0	34			S	12	A		
PAINT CREEK, MIS	2738	1958	10			1	0	0				S	5	A		
AUX VASES, MIS	2905		80			8	0	0	38			S	5	A		
OHARA, MIS	3054	1959	20			1	0	0				L	3	A		
SPAR MTN, MIS	3025	1957	#			1	0	0				LS	10	A		
*RALEIGH S +, SALINE, 8S, 5-6E -----																
	1955		370	43.4	1064.8	34	0	2	12					MIS	3092	
WALTERSBURG, MIS	2046	1959	60			4	0	0	39			S	10			
BETHEL, MIS	2739	1958	10			1	0	0				S	8			
AUX VASES, MIS	2860	1955	300			30	0	2	40			S	16			
RAYMONO, MONTGOMERY, 10N, 4-5W -----																
POTTSVILLE, PEN	590	1940	60	0.5	28.6	10	0	0	3	35	0.22	S	10	ML	OEV	2049
*RAYMOND E, MONTGOMERY, 10N, 4W -----																
PENNSYLVANIAN	595	1951	60	0.4	30.1	5	0	0	2	34		S	10		MIS	1008
RAYMCNO S, MONTGOMERY, 10N, 4W -----																
UNNAMEO, PEN	603	1959	10	0.0	0.0	1	0	0	0			S	6		PEN	680
			ABO 1959													
RESERVOIR, JEFFERSON, 1S, 3E -----																
	1950		300	21.2	512.1	19	0	0	11					MC	MIS	3211
SPAR MTN, MIS	2443	1959	290			2	0	0				S	7	M		
MCCLOSKEY, MIS	2700	1950	#			17	0	0	37			L	6	MC		
SALEM, MIS	3034	1961	10			1	0	0				L	12	M		
*RICHVIEW, WASHINGTON, 2S, 1W -----																
CYPRESS, MIS	1500	1946	740	214.1	2033.5	81	1	2	70	39		S	12	AL	MIS	3291
RIOGWAY, GALLATIN, 8S, 8E -----																
	1946		20	0.0	0.1	2	0	0	0					MC	MIS	2938
PALESTINE, MIS	1730	1955	10		0.0	1	0	0				S	18	ML		
MCCLOSKEY, MIS	2840	1946	10		0.1	1	0	0				L	6	MC		
			ABO 1946, REV 1955, ABO 1956													
RIFFLE, CLAY, 4N, 6E -----																
SPAR MTN, MIS	2735	1948	80	0.0	80.9	5	0	0	0	36		L	7	MC	MIS	2848
			ABO 1961													
RINARO, WAYNE, 2N, 7E -----																
MCCLOSKEY, MIS	3145	1937	10	0.0	7.0	1	0	0	0	39		L	5	AC	MIS	3280
			ABO 1942													
RINARO N, WAYNE, 2N, 7E -----																
	1952		290	5.0	304.0	21	0	0	8					M	MIS	3467
SPAR MTN, MIS	3135		290			1	0	0				L	6	MC		
MCCLOSKEY, MIS	3140		#			20	0	0	39			L	5	MC		
RINARO S, WAYNE, 1N, 6E -----																
SPAR MTN, MIS	3268	1965	10	0.0	0.8	1	0	0	0			L	4		MIS	3347
			ABO 1966													
RITTER, RICHLAND, 3N, 10-11E -----																
STE. GEN, MIS	3215	1950	110	0.7	253.1	6	0	0	1			L	5		MIS	3925
			ABO 1960, REV 1961													
*RITTER N, RICHLAND, 3N, 11E -----																
	1951		180	0.0	161.3	11	0	0	0						MIS	3288
OHARA, MIS	3203	1960	180			1	0	0	39			L	6			
(CONTINUED ON NEXT PAGE)																





TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (*Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Completed to end of 1971	Completed in 1971	Abandoned 1971	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
(CONTINUED FROM PREVIOUS PAGE)																
*RUARK, LAWRENCE, 2N, 12-13W																
PENNSYLVANIAN	1600			380			38	0	4		33	S	10	AL		
RETHEL, MIS	2075			90			8	0	1		36	S	11	AL		
AUX VASES, MIS	2145			30			3	0	0		37	S	7	AL		
OHARA, MIS	2275			10	0.0	0.0	1	0	0			L	5	AC		
*RUARK W C, LAWRENCE, 2N, 13W																
			1947	730	53.6	1342.3	64	0	0	34				M	MIS 3112	
WALTERSBURG, MIS	1780			50			7	0	0			S	10	ML		
CYPRESS, MIS	2165			10			1	0	0			S	9	ML		
RETHEL, MIS	2220			580			44	0	0		37	S	20	ML		
OHARA, MIS	2350			290			4	0	0			L	5	MC		
SPAR MTN, MIS	2390			#			2	0	0			L	5	MC		
MCCLOSKEY, MIS	2400			#			18	0	0		38	L	3	MC		
*RURAL HILL N, HAMILTON, 5S, 5E																
			1949	100	0.0	211.6	8	0	0	0				M	MIS 3468	
CYPRESS, MIS	2930	1956		90			7	0	0		36	S	10	ML		
SPAR MTN, MIS	3325			10			1	0	0			L	8	MC		
A8C 1950, REV 1956, A80 1969																
RUSHVILLE, SCHUYLER, 2N, 1W																
DEV-SIL	743	1966		10	0.0	0.0	1	0	0	0		L	22	TRN	975	
A80 1969																
RUSHVILLE NW, SCHUYLER, 2N, 2W																
SILURIAN	669	1960		30	0.0	.5	3	0	0	2		L	3	AC	TRN 1038	
RUSSELLVILLE GAS *, LAWRENCE, 4-5N, 10-11W																
MCCLOSKEY, MIS	1560	1937		10	0.0	12.4	2	0	0	0		L	7	AC	DEV 3133	
A80																
RUSSELLVILLE W, LAWRENCE, 2N, 11W																
SPAR MTN, MIS	1565	1955		10	0.0	2.0	1	0	0	0		L	22	MIS	1646	
A8C 1957																
*ST. FRANCISVILLE, LAWRENCE, 2N, 11W																
RETHEL, MIS	1845			950			89	0	0	42	32	S	6	ML	MIS 2465	
SEE LAWRENCE COUNTY DIVISION FOR PRODUCTION																
*ST. FRANCISVILLE E, LAWRENCE, 2N, 11W																
			1941	450	10.6	698.4	38	0	3	28				A	MIS 1960	
PENNSYLVANIAN	1260			60			6	0	3		30	S	8	AL		
WALTERSBURG, MIS	1300			10			1	0	0			S	6	AL		
HAROLD, MIS	1460			40			3	0	0			S	6	AL		
CYPRESS, MIS	1605			40			2	0	0		36	S	15	AL		
RETHEL, MIS	1750			320			25	0	0		40	0.21	S	20	A	
SPAR MTN, MIS	1822	1963		10			1	0	0			L	5			
*ST. JACOB, MADISON, 3N, 6W																
TRENTON, ORO	2260	1942		1050	48.4	3914.7	55	0	0	29	40	0.23	L	17	A PC 5019	
ST. JACOB E, MADISON, 3N, 6W																
HAROLD, DEV	1840	1955		10	0.0	1.1	1	0	0	0	23	S		U	ORO 2600	
A80 1957																
*ST. JAMES, FAYETTE, 5-6N, 2-3E																
			1938	2280	272.8	19462.3	263	0	1	148				A	DEV 3470	
GOLCONDA, MIS	1555			10			1	0	0			L	15	A		
CYPRESS, MIS	1580			1900			200	0	0		34	0.31	S	16	A	
RENOIST, MIS	1746	1959		10			1	0	0			S	8	A		
SPAR MTN, MIS	1860			100			10	0	0		38	L	16	A		
CARPER, MIS	3070	1961		670			52	0	1		37	S	35	A		
ST. PAUL, FAYETTE, 5N, 3E																
			1941	380	14.8	972.7	36	0	0	24				A	DEV 3575	
RENOIST, MIS	1900			240			18	0	0		33	0.23	S	9	A	
SPAR MTN, MIS	2080			10			1	0	0			L	6	A		
CARPER, MIS	3288	1963		290			19	0	0		36	S	28			
*STE. MARIE, JASPER, 5N, 10-11E, 14W																
(CONTINUED ON NEXT PAGE)																

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Completed to end of 1971	Completed in 1971	Abandoned 1971	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
*STE. MARIE, JASPER, 5N, 10-11E, 14W (CONTINUED FROM PREVIOUS PAGE)																
STE. GEN, MIS	2900	1941		1210	43.5	1915.5	71	0	3	17	37	0.14	L	R	AC	MIS 3470
STE. MARIE E, JASPER, 6N, 14W																
ST. GEN, MIS	2685	1949		70	2.6	19.5	8	0	0	1			L	10	MC	MIS 3101
ABD 1951, REV 1966																
STE. MARIE W, JASPER, 5-6N, 10E																
AUX VASES, MIS	2720	1949	1949	400	10.0	420.0	20	0	1	13					M	MIS 3225
MCCLOSKY, MIS	2815			10			1	0	0		38		S	25	ML	
				400			20	0	1		40		L	6	MC	
SAILOR SPRINGS CEN, CLAY, 3-4N, 7-8E																
TAR SPRINGS, MIS	2330		1948	70	0.0	6.1	7	0	0	1					M	MIS 3128
SPAR MTN, MIS	3015			50		1.0	5	0	0				S	6	ML	
				20		5.0	2	0	0		36		L	4	MC	
ABD 1955, REV 1957, ABD 1961, REV 1964																
*SAILOR SPRINGS C, CLAY, EFFINGHAM, JASPER, 3-6N, 6-8E																
TAR SPRINGS, MIS	2340		1938	18290	1270.4	52875.9	1356	24	37	694					A	OEV 4486
GLEN DEAN, MIS	2390			720			49	0	0		37	0.17	S	12	A	
CYPRESS, MIS	2550			10			1	0	0				L	8	A	
BETHEL, MIS	2740			9560			691	6	24		39	0.28	S	12	A	
AUX VASES, MIS	2825			660			38	1	0		37		S	20	A	
OHARA, MIS	2900			2270			167	11	1		35		S	13	A	
SPAR MTN, MIS	2900			7470			13	0	0		37		DL	6	A	
MCCLOSKY, MIS	2925			#			157	6	3				LS	8	A	
ST LOUIS, MIS	3310	1967		30			316	4	10		40		DL	8	A	
							3	1	0				L	11	A	
SAILOR SPRINGS E, CLAY, 4N, 8E																
CYPRESS, MIS	2695		1944	170	0.6	77.1	14	0	0	2					D	MIS 3614
MCCLOSKY, MIS	3020	1955		110			10	0	0				S	8	D	
SALEM, MIS	3550	1967		40			4	0	0				L	7	O	
				20			1	0	0				L	6		
ABD 1952, REV 1955, ABD 1956, REV 1960, ABD 1961, REV 1966																
SAILOR SPRINGS N, CLAY, 4N, 8E																
SPAR MTN, MIS	2985		1948	60	0.0	4.8	5	0	0	0					M	MIS 3126
MCCLOSKY, MIS	3030			60			3	0	0				L	2	MC	
				#			4	0	0				L	2	MC	
ABD 1949, REV 1950, ABD 1951, REV 1955, ABD 1956, REV 1957, ABD 1960																
*SALEM C, MARION, JEFFERSON, 1-2N, 1S, 1-2E																
BENDIST, MIS	1780		1938	13620	3424.2	349045.4	2850	2	65	1348					A	PC 9210
AUX VASES, MIS	1825			10830			623	0	24		38		S	40	A	
OHARA, MIS	2075			7590			822	0	13		37	0.21	S	40	A	
SPAR MTN, MIS	2100			9540			2	0	0		37		L	3	A	
MCCLOSKY, MIS	2050			#			151	1	1		37		LS	15	A	
ST. LOUIS, MIS	2100			190			988	1	7		35		L	17	A	
SALEM, MIS	2160			1360			17	0	1		37		L	0	A	
DEVONIAN	3440			5810			275	0	6		37		L	17	A	
TRENTON, ORD	4500			1920			648	3	12		35	0.28	L	40	A	
							98	0	5		37		L	50	A	
SAMSVILLE, EDWARDS, 1N, 11E																
WALTERSBURG, MIS	2420	1942		40	0.0	1.0	3	0	0	0			S	7	A	MIS 3303
ABD 1952																
*SAMSVILLE N, EDWARDS, 1N, 14W																
BETHEL, MIS	2900	1945		200	0.6	257.1	16	0	0	2	38		S	6	A	MIS 3220
SAMSVILLE NW, EDWARDS, 1N, 10E																
OHARA, MIS	3190	1955	1955	20	0.9	3.9	2	0	0	1						MIS 3349
SPAR MTN, MISS	3301			10			1	0	0				L	4		
				10			1	0	0				L	10		
ABD 1956, REV 1970																
SAMSVILLE W, EDWARDS, 1N, 10E																
OHARA, MIS	3260		1951	80	0.0	177.2	5	0	0	1						MIS 3425
SPAR MTN, MIS	3275			80			3	0	0		40		L	6		
MCCLOSKY, MIS	3275			#			2	0	0				L	6		
				#			2	0	0		38		L	6		

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Completed to end of 1971	Completed in 1971	Abandoned 1971	Producing end of year	Gr. °API	Sulfur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
SANDOVAL, MARICOA, 2N, 1E																
		1909	500	0.0	6110.6	153	0	0	0				0	STP	5023	
CYPRESS, MIS	1400		20			1	0	0				S	10			
RENOIST, MIS	1540		480			123	0	0		35		S	20			
GENEVA, OEV	2920		240			28	0	0		37	0.38	0	9	R		
SANDOVAL W, CLINTON, 2N, 1W																
		1946	10	0.0	26.3	1	0	0	0					A	MIS	1604
CYPRESS, MIS	1420	1946	10		26.3	1	0	0				S	4	A		
			80	1960												
SANTA FE, CLINTON, 1N, 3W																
		1944	10	0.0	1.5	1	0	0	0			S	10	A	OEV	2542
CYPRESS, MIS	955		80	1947												
*SCHNELL, RICHLAND, 2N, 9E																
		1938	80	8.4	323.8	9	0	0	5						MIS	3690
AUX VASES, MIS	2956		69	30		3	0	0				S	10			
MCCLOSKEY, MIS	3000	1938	80			7	0	0		39	0.19	OL	5	AC		
SCHNELL E, RICHLAND, 2N, 9E																
		1954	10	0.0	.3	1	0	0	0			L	4	AC	MIS	3313
MCCLOSKEY, MIS	3115		80	1954												
SCIOTA, MCCONOUGH, 7N, 3W																
		1960	10	0.0	0.0	1	0	0	0	28		L	16		SIL	760
DEVONIAN	519		80	1960												
*SEMINARY, RICHLAND, 2N, 10E																
		1945	120	0.0	228.4	8	0	0	0	39		L	8	MC	MIS	3330
MCCLOSKEY, MIS	3195		80	1966												
*SESSER C, FRANKLIN, 5-6S, 1-2E																
		1942	1630	96.6	3028.4	106	1	5	67					A	OEV	4688
CYPRESS, MIS	2455		50			3	1	0				S	5	AL		
RENAULT, MIS	2690		340			26	0	0		39	0.17	S	10	AC		
AUX VASES, MIS	2700		1230			72	0	4		38	0.17	S	10	AL		
OHARA, MIS	2675		110			2	0	0				L	8	A		
SPAR MTN, MIS	2810		#			5	0	0				L	10	AC		
MCCLOSKEY, MIS	2840		#			5	0	0				L	5	AC		
ST. LOUIS, MIS	3002		10			1	0	0				L	20	AC		
CLEAR CREEK, OEV	4360		120			7	0	1				L	0	AC		
*SHATTUC, CLINTON, 2N, 1W																
		1945	280	10.9	730.9	36	0	0	18					A	ORO	4078
CYPRESS, MIS	1280		150			15	0	0		36		S	7	AL		
RENOIST, MIS	1420		80			7	0	0				S	13	AL		
TRENTON, ORO	4020		180			15	0	0		42		L	13	A		
SHATTUC N, CLINTON, 2N, 1W																
		1961	10	0.0	2.4	1	0	0	0			S	7		MIS	1457
RENOIST, MIS	1445		80	1964												
SHAWNEETOWN, GALLATIN, 9S, 9E																
		1945	80	0.0	16.9	6	0	0	0					M	MIS	2837
PALESTINE, MIS	1720	1955	40			2	0	0				S	28	M		
WALTERSBURG, MIS	1900	1955	10			1	0	0				S	12	M		
TAR SPRINGS, MIS	1960	1955	60			3	0	0				S		M		
CYPRESS, MIS	2375	1956	10			1	0	0				S	14	M		
BETHEL, MIS	2400	1968	10			1	0	0				S				
AUX VASES, MIS	2650		10			1	0	0				S	10	MF		
			80	1950, REV 1955, 80 1960, REV 1968, 80 1969												
SHAWNEETOWN E, GALLATIN, 9S, 10E																
		1952	30	0.0	18.3	4	0	0	2						MIS	2830
WALTERSBURG, MIS	1855	1955	10			2	0	0				S	10			
BETHEL, MIS	2480	1955	10			1	0	0				S				
AUX VASES, MIS	2660		10			1	0	0				S	9			
*SHAWNEETOWN N, GALLATIN, 9S, 10E																
		1948	50	0.0	104.9	4	0	0	0					MF	MIS	3091
AUX VASES, MIS	2750	1955	40			3	0	0				S	20	MF		
MCCLOSKEY, MIS	3045		10			1	0	0				L	6	MF		
			80	1953, REV 1955, 80 1966												

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr.		Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
											*API	Sul- fur (%)				
*SHELBYVILLE C, SHELBY, 11N, 4E																
AUX VASES, MIS	1860	1946	110	0.0	38.7	9	0	0	1	34		S	15	A	MIS	3301
SHUMWAY, EFFINGHAM, 9N, 5E																
MCCLOSKEY, MIS	2223	1965	10 ABO 1969	0.0	3.4	1	0	0	0			L	3		MIS	2273
SICILY, CHRISTIAN, 13N, 4W																
SILURIAN	1860	1956	70 ABO 1967	0.0	69.4	6	0	0	0	39		L	16		SIL	1884
*SIGGINS, CUMBERLAND, CLARK, 10-11N, 10-11E, 14W																
		1906	4430	0.0	0.0	1123	0	16	497						TRN	3341
1ST(UP) SIGGINS, PEN	400		4430			895	0	0		36		S	25	0		
2ND(LO) SIGGINS, PEN	460		#			95	0	0		36		S		0		
3RD, 4TH SIGGINS, PEN	580		#			209	0	0		37		S	40	0		
SEE CLARK COUNTY DIVISION FOR PRODUCTION																
SILOAM, BROWN, 2S, 4W																
SILURIAN	603	1900	280	3.6	222.6	26	0	1	14	35		0	4	AC	STP	1115
*SORENTO C, BONO, 6N, 4W																
		1938	690	4.4	1913.1	57	0	1	8					A	TRN	2684
PENNSYLVANIAN	570	1956	70			5	0	1				S	20	A		
LINGLE, DEV	1875		640			52	0	0	36			S	8	A		
SORENTO W, BONO, 6N, 4W																
DEVONIAN	1890	1956	10 ABO 1956	0.0	0.0	1	0	0	0			L			CRD	2706
SPARTA +, RANDOLPH, 4-5S, 5-6W																
CYPRESS, MIS	850	1888	20 ABO 1900	0.0		2	0	0	0			S	7	0	TRN	3130
SPARTA S, RANDOLPH, 5S, 5W																
CYPRESS, MIS	880	1949	10 ABO 1950	0.0	0.0	1	0	0	0			S	8	A	MIS	909
SPRINGFIELD E, SANGAMON, 15N, 4W																
-----																
		1960	220	7.1	302.0	21	0	0	9					R	SIL	1705
HIBBARO, DEV	1625	1960	10			1	0	0				S	4	0		
SILURIAN	1600	1960	210			21	0	0	39			0	12	R		
*STAUNTON +, MACOUPIN, 7N, 7W																
PENNSYLVANIAN	515	1952	30	0.1	3.7	2	0	0	1			S	11	A	CRD	2371
*STAUNTON W, MACOUPIN, 7N, 7W																
PENNSYLVANIAN	505	1954	240	0.0	98.8	24	0	4	14	35		S	10		SIL	1512
*STEWARSON, SHELBY, 9N, 6E																
		1939	300	28.8	777.9	25	0	0	24						DEV	3414
AUX VASES, MIS	1945	1939	300			24	0	0		38	0.18	S	9	A		
SPAR MTN, MIS	2021	1958	70			5	0	0		37		S	4	A		
STEWARSON E, SHELBY, 9N, 6E																
		1963	20	0.4	15.1	2	0	0	1						MIS	2280
AUX VASES, MIS	2177	1963	10			1	0	0				S	6			
SPAR MTN, MIS	2197	1963	20			2	0	0				S	6			
STEWARSON W, SHELBY, 10N-5E																
BENOIST, MIS	1920	1970	10 ABO 1971	0.0	0.0	1	0	1	0			S	5		MIS	2102
STIRITZ, WILLIAMSON, 8S, 2E																
AUX VASES, MIS	2525	1971	10	34.9	34.9	1	1	0	1			S	6		MIS	2640



TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

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Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- pleted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. °API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
*STORMS C +, WHITE, 5-6S, 9-10E																
	PENNSYLVANIAN	1320	1939	4600	483.9	18834.4	425	2	3	175				AM	DEV	5174
	RIEHL, PEN	1940		280			9	0	0		29	S	10	A		
	OEGONIA, MIS	2090		180			12	0	0		35	S	4	AF		
	CLORE, MIS	2100		240			13	0	0		35	L	7	AL		
	PALESTINE, MIS	2150		70			29	0	0		35	S	10	AL		
	WALTERSBURG, MIS	2230		2690			6	0	0		35	S	12	AL		
	TAR SPRINGS, MIS	2340		300			245	0	1		32	0.28	S	15	AL	
	HARPOINSBURG, MIS	2476	1959	20			28	2	0		36	S	10	MF		
	CYPRESS, MIS	2700		300			2	0	0			S	9	MF		
	BETHEL, MIS	2810		40			20	0	1		34	S	10	MF		
	RENAULT, MIS	2990		20			4	0	0			S	0	MF		
	AUX VASES, MIS	3000		1020			2	0	0		39	L	5	A		
	OHARA, MIS	3095		270			76	0	0		35	S	13	AF		
	SPAR MTN, MIS	3115		#			7	0	1		35	L	10	AC		
	MCCLOSKEY, MIS	3055		#			9	0	0		34	L	2	AC		
	SALEM, MIS	3738	1968	10			8	0	0			L	5	MC		
							1	0	0			L	6			
*STRINGTOWN, RICHLAND, 4-5N, 11E, 14W																
	STE. GEN, MIS	3025	1941	550	4.5	1601.3	37	0	2	4	40	0.24	0	8	AC	MIS 3651
STRINGTOWN E, RICHLAND, 4N, 14W																
	MCCLOSKEY, MIS	3010	1948	10	0.0	2.0	1	0	0	0		L	4		MIS	3175
				ABO 1950												
STRINGTOWN S, RICHLAND, 4N-14W																
	SPAR MTN, MIS	3117	1970	10	0.0	0.0	1	0	0	1		S	0		MIS	3186
STURALEFIELD S +, BONO, 4N, 3W																
			1955	20	0.0	0.0	2	0	0	0					DEV	2455
	CYPRESS, MIS	985	1955	10			1	0	0			S	4			
	DEVONIAN	2185	1963	10			1	0	0			L	8			
				ABC 1956, REV 1963, ABO 1965												
SUMNER, LAWRENCE, 4N, 13W																
	MCCLOSKEY, MIS	2260	1944	20	0.0	15.7	2	0	0	0		L	4	MC	MIS	2365
				ABO 1953												
SUMNER CEN, LAWRENCE, 4N, 13W																
	SPAR MTN, MIS	2544	1966	10	0.0	0.0	1	0	0	0		L	5		MIS	3100
				ABO 1968												
SUMNER S +, LAWRENCE, 3N, 13W																
	AUX VASES, MIS	2620	1964	60	0.0	0.0	4	0	0	0		S	8		MIS	2990
				ABO 1969												
SUMPTER, WHITE, 4S, 9E																
			1945	270	5.9	323.4	15	0	0	5					DEV	5504
	TAR SPRINGS, MIS	2575		190			10	0	0		37	S	18	A		
	HARPOINSBURG, MIS	2655		10			1	0	0		36	S	14	AF		
	CYPRESS, MIS	2860		60			4	0	0		37	S	15	AF		
	OHARA, MIS	3222	1960	10			1	0	0			L	6	A		
*SUMPTER E, WHITE, 4-5S, 10E																
			1951	1610	93.3	2272.2	98	0	2	69					MIS	3396
	CYPRESS, MIS	2795		220			18	0	0		37	S	16	AL		
	BETHEL, MIS	2922	1960	20			2	0	1		35	S	12	A		
	AUX VASES, MIS	3020		420			27	0	0		39	S	15	AL		
	OHARA, MIS	3115		1110			44	0	1		36	L	12	AC		
	SPAR MTN, MIS	3140		#			18	0	0		36	L	4	AC		
	MCCLOSKEY, MIS	3150		#			3	0	0		33	L	5	AC		
*SUMPTER N, WHITE, 4S, 9E																
	AUX VASES, MIS	3185	1952	240	29.1	566.5	15	0	0	8	39	S	3	NL	MIS	3425
*SUMPTER S, WHITE, 4-5S, 9E																
			1948	250	10.3	722.0	29	0	7	12					MIS	3430
	TAR SPRINGS, MIS	2580		120			13	0	2		34	S	8	AF		
	BETHEL, MIS	3025		10			1	0	0			S	15	AF		
	AUX VASES, MIS	3260		210			16	0	7		36	S	10	AF		

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- covery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
SUMPTER W, WHITE, 4S, 9E																
	AUX VASES, MIS	3165	1952	20	0.1	21.1	2	0	0	1	35		S	5 NL	MIS	3336
				A80 1964		, REV 1969										
TAMAROA +, PERRY, 4S, 1W																
	CYPRESS, MIS	1120	1942	320	8.1	393.4	21	1	0	10					TPN	4287
	TRENTON, ORO	4135	1964	210			16	1	0	36	0.12	S	13 AL			
				110			6	0	0	34		L	40			
*TAMAROA S, PERRY, 4S, 1W																
	CYPRESS, MIS	1155	1957	220	7.4	265.2	19	2	3	12	24		S	7	MIS	1345
TAMAROA W, PERRY, 4S, 2W																
	CYPRESS, MIS	1100	1956	20	0.0	2.4	3	0	1	1	34		S	5	DEV	2902
TAYLOR HILL, FRANKLIN, 5S, 4E																
	OHARA, MIS	3055	1949	40	0.0	41.4	5	0	0	0					MIS	4093
	ULLIN, MIS	3940		40			3	0	0	34		L	4			
				30			2	0	0			L	15			
				A8C 1968												
TEUTOPOLIS, EFFINGHAM, 8N, 6E																
	SPAR MTN, MISS	2402	1966	160	10.0	107.6	10	0	0	9					MIS	2845
	MCCLOSKEY, MIS	2530	1967	150			10	0	0			L	5			
	ST LOUIS, MIS	2570	1967	#			1	0	0			OL	4			
				40			1	0	0			L	4			
TEUTOPOLIS S, EFFINGHAM, 8N, 6E																
	SPAR MTN, MIS	2477	1968	50	1.6	15.7	3	0	0	2					MIS	2950
	MCCLOSKEY, MIS	2535	1968	50			2	0	0			S	4			
				#			2	0	0			OL	5			
*THACKERAY, HAMILTON, 5S, 7E																
	CYPRESS, MIS	3030	1944	430	81.6	4101.1	74	0	0	32					DEV	5611
	AUX VASES, MIS	3360		20			2	0	0			S	24 A			
	OHARA, MIS	3435		760			67	0	0	37		S	15 AL			
	MCCLOSKEY, MIS	3500		120			1	0	0			L	5 AC			
				#			6	0	0	37		L	10 AC			
THOMPSONVILLE, FRANKLIN, 7S, 4S																
	OHARA, MIS	3110	1940	360	8.9	358.8	35	0	0	13					MIS	3777
	SPAR MTN, MIS	3190	1967	310			7	0	0			L	4			
	MCCLOSKEY, MIS	3200	1967	#			1	0	0			LS	4			
	ST LOUIS, MIS	3450	1940	#			19	0	0	4	38	0.16	L	10 A		
				60			8	0	0			L	10			
				A8C 1947, REV 1967												
*THOMPSONVILLE E, FRANKLIN, 7S, 4E																
	AUX VASES, MIS	3150	1949	180	16.7	558.9	14	0	0	6	38		S	4 ML	MIS	3371
*THOMPSONVILLE N, FRANKLIN, 7S, 4E																
	CYPRESS, MIS	2750	1944	870	16.1	3639.7	87	0	2	19					MIS	3494
	AUX VASES, MIS	3100		20			1	0	0			S	10 AL			
				860			86	0	2	35		S	20 AL			
TILOEN, RANDOLPH, 4S, 5W																
	SILURIAN	2160	1952	610	109.7	4033.4	33	0	0	32	40		L	70 R	ORO	3093
TILOEN N, ST CLAIR, WASHINGTON, 3S, 5-6W																
	SILURIAN	2014	1968	190	106.4	486.2	14	0	0	14	42		L	0 R	ORO	2410
TOLIVER E, CLAY, 5N, 6-7E																
	CYPRESS, MIS	2510	1943	90	0.1	210.3	7	0	0	1					MIS	3203
	AUX VASES, MIS	2740	1955	10			1	0	0			S	14 M			
	SPAR MTN, MIS	2815	1967	20			2	0	0			S	4			
	MCCLOSKEY, MIS	2840		40			1	0	0	36		L	6 MC			
				#			3	0	0	36		OL	8 MC			

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test		
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- duc- ing end of year	Gr. °API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)		
TOLIVER S, CLAY, 4N, 6E																	
	AUX VASES, MIS	2765	1953	70	0.0	57.6	4	0	0	0			M	MIS	2915		
	MCCLOSKY, MIS	2875	1956	10		21.0	1	0	0			S	MC				
				60		37.0	3	0	0		34	L	5	MC			
				ABO 1964													
*TONTI, MARION, 2-3N, 2E																	
	BENOIST, MIS	1930	1938	570	69.1	13492.1	105	0	0	64			0	ORD	4900		
	AUX VASES, MIS	2005		140			16	0	0		36	S	20	D			
	SPAR MTN, MIS	2125		170			23	0	0		36	S	30	0			
	MCCLOSKY, MIS	2130		630			14	0	0			LS	12	0			
	DEVONIAN	3500		#			71	0	0		38	0.21	OL	15	0		
				80			7	0	0		37	0	7	R			
TOVEY, CHRISTIAN, 13N, 3W																	
	SILURIAN	1850	1955	10	0.2	27.9	1	0	0	1	38		L	10	SIL	1881	
*TRUMBULL C, WHITE, 5S, 8-9E																	
	TAR SPRINGS, MIS	2528	1944	1490	55.5	3031.6	112	1	7	58			A	MIS	4125		
	CYPRESS, MIS	2845	1962	30			2	0	0			S	5				
	RETHEL, MIS	2955		420			32	0	0		36	S	10	A			
	AUX VASES, MIS	3170		50			2	0	0			S	0	A			
	OHARA, MIS	3230		520			42	1	7		37	S	9	A			
	SPAR MTN, MIS	3270		660			19	0	1		36	L	15	AC			
	MCCLOSKY, MIS	3290		#			13	0	0			L	6	AC			
				#			19	0	0			L	5	AC			
*TRUMBULL N, WHITE, 4S, 9E																	
	AUX VASES, MIS	3325	1961	40	0.0	6.9	3	0	0	0				MIS	3537		
	MCCLOSKY, MIS	3466	1961	20			1	0	0			S	6				
				20			2	0	0			OL	16				
				ABO 1966													
TURKEY BEND, PERRY, 4S, 2W																	
	TRENTON, ORD	3940	1957	10	1.7	42.3	1	0	0	1	35		L	0	ORD	4044	
*VALIER, FRANKLIN, 6S, 2E																	
	AUX VASES, MIS	2695	1942	110	2.2	91.6	6	0	0	2				MIS	2900		
	MCCLOSKY, MIS	2715	1942	100			5	0	0		39	S	7				
				10			1	0	0			L	12	ML			
				ABO 1945, REV 1963													
VIRDEN W, MACQUIN, 12N, 7W																	
	DEVONIAN	1361	1963	30	0.0	0.0	2	0	2	0			L	20	DEV	1390	
				ABO 1971													
WAGGONER W, MONTGOMERY, 11N, 5W																	
	POTTSVILLE, PEN	610	1940	30	0.0	12.0	6	0	0	0	28	0.21	S	10	SIL	1945	
				ABO 1949, REV 1959, ABO 1960, REV 1963, ABO 1964													
WAKEFIELD, JASPER, 5N, 9E																	
	SPAR MTN, MIS	3100	1946	40	0.0	1.7	2	0	0	0			L	5	MIS	3207	
				ABO 1947, REV 1953, ABO 1954													
WAKEFIELD N, JASPER, 5N, 9E																	
	MCCLOSKY, MIS	3000	1953	10	1.7	21.7	1	0	0	0			L	6	MIS	3204	
				ABO 1958													
WAKEFIELD S, RICHLAND, 5N, 9E																	
	MCCLOSKY, MIS	3040	1955	80	2.4	6.1	5	1	2	2			L	4	MIS	3650	
				ABO 1955, REV 1969													
*WALPOLE, HAMILTON, 6-7S, 6E																	
	TAR SPRINGS, MIS	2465	1941	2140	33.2	10091.9	131	0	5	57			A	DEV	5325		
	AUX VASES, MIS	3070		110			7	0	0		37	S	15	AL			
	SPAR MTN, MIS	3195		2020			119	0	5		37	0.13	S	20	A		
	MCCLOSKY, MIS	3162	1960	100			2	0	0			L	7	AC			
	ST. LOUIS, MIS	3544	1960	#			4	0	0			OL	7	AC			
				10			1	0	0			L	8	AC			
WALPOLE S, HAMILTON, 7S, 6E																	
	AUX VASES, MIS	3120	1951	40	0.0	120.8	2	0	0	2			S	6	AL	MIS	3362

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. °API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
WALTONVILLE, JFFFERSON, 3S, 2E																
			1943	60	1.7	130.6	5	0	0	3				A	MIS	3175
	RENOIST, MIS	2460	1943	50			4	0	0		38	0.14	S	9	A	
	ST. LOUIS, MIS	2767	1962	10			1	0	0				L	14		
*WAMAC, MARION, CLINTON, WASHINGTON, 1N, 1E, 1W																
			1921	310	0.0	692.3	119	0	0	4				OF	ORD	4160
	PETRO, PEN	720	1921	300			117	0	0		36		S	20	CF	
	DEVONIAN	3015	1959	10			1	0	0				L	9	OF	
WAMAC E +, MARION, 1N, 1E																
	ISABEL, PEN	845	1952	140	0.0	49.2	11	0	0	4	30		S	15	ML	DEV
																3405
*WAMAC W, CLINTON, 1N, 1W																
			1962	230	56.5	744.6	25	0	0	21					MIS	1622
	CYPRESS, MIS	1312	1962	120			14	0	0				S	8		
	RENOIST, MIS	1466	1962	110			11	0	0				S	12		
WAPELLA E, DEWITT, 21N, 3E																
			1962	350	173.5	2082.9	36	0	0	36					STP	2216
	DEVONIAN	1108	1963	30			3	0	0				L	5		
	SILURIAN	1112	1962	350			36	0	0		31		D	6	R	
*WARRENTON-ROTCN, EOGAR, CCLES, 13-14N, 13-14W																
	UNNAMEO, PEN	200	1906	470	0.0	32.0	46	1	0	0	31		S	20	ML	TRN
																2212
WATERLOO, MONROE, 1-2S, 10W																
	TRENTON, ORD	410	1920	160	0.0	238.0	41	0	0	3	30	0.97	L	50	A	PC
																2768
																ARD 1930, REV 1939, CONVERTED IN PART TO GAS STORAGE, 1951
WATSON, EFFINGHAM, 7N, 5-6E																
			1957	30	0.2	55.2	3	0	0	1					MIS	2647
	SRAR MTN, MIS	2415	1957	30			2	0	0				S	5		
	MCCLOSKEY, MIS	2434	1958	#			1	0	0		38		L	11		
WATSON W, EFFINGHAM, 7N, 5E																
-----																
	AUX VASES, MIS	2208	1965	10	1.4	7.1	1	0	0	1			S	12		MIS
																2316
*WAVERLY +, MORGAN, 13N, 8W																
	DEV-SIL	1020	1946	20	0.0	0.0	1	0	0	0			L	10	A	ORD
																2070
WEAVER, CLARK, 11N, 10W																
			1949	530	31.7	2229.9	42	0	1	28					R	DEV
	COLE, MIS	1565		30			1	0	0				S	5	0	
	DEVONIAN	2030		500			40	0	1		37		L	10	R	
*WEST FRANKFORT C, FRANKLIN, 7S, 2-3E																
			1941	1680	83.9	6875.1	149	1	8	88					A	DEV
	TAR SPRINGS, MIS	2060		680			70	0	3		39	0.13	S	20	A	
	AUX VASES, MIS	2710		400			35	1	2		39		S	20	AL	
	OHARA, MIS	276C		850			44	0	2		38		L	8	AC	
	SPAR MTN, MIS	2810		#			6	0	0				L	8	AC	
	MCCLOSKEY, MIS	2825		#			21	0	1		38		L	14	AC	
*WEST SEMINARY, CLAY, 2N, 7E																
			1959	320	2.4	818.7	29	0	1	3					MC	MIS
	AUX VASES, MIS	2972	1959	230			18	0	0		37		S	10	MC	
	SPAR MTN, MIS	3059	1959	290			3	0	0				L	6	MC	
	MCCLOSKEY, MIS	3068	1959	#			14	0	1		38		L	12	MC	
*WESTFIELD, CLARK, COLES, 11-12N, 11E-14W																
			1904	9710	0.0	0.0	1830	1	0	243					0	STR
	GAS, PEN	280		1260			232	0	0		29		S	25	0	
	WESTFIELD, MIS	335		8790			31	1	0		36		L	0	0	
	CARPER, MIS	875		580			28	0	0				S	18	0	
	TRENTON, ORD	2300		1710			87	0	0		38	0.18	L	40	0	
																SEE CLARK COUNTY DIVISION FOR PRODUCTION

TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. of oil		Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
											*API	Sul- fur (%)				
*WESTFIELD E +, CLARK, 11-12N, 14W																
PENNSYLVANIAN			400	1947	310	0.0	0.0	43	1	2	31		S	11 ML	MIS	795
WES7FIELD N, COLES, 12N, 14W																
PLEASANTVIEW, PEN			275	1949	20	0.0	0.4	2	0	0	0				PEN	611
PENNSYLVANIAN			490		#		0.4	1	0	0		S	5			
							0.0	1	0	0		S	10			
					A8D 1957											
*WHITTINGTON, FRANKLIN, 5S, 3E																
				1939	980	73.0	2210.3	72	0	0	53			A	OEV	4810
HAROINSBURG, MIS			2310		430			27	0	0		38	S	10 A		
CYPRESS, MIS			2535		240			16	0	0		38	S	10 A		
PAINT CREEK, MIS			2612	1961	20			1	0	0			S	4 A		
AUX VASES, MIS			2735		100			9	0	0		38	S	15 A		
OHARA, MIS			2835		370			12	0	0		37	L	10 AC		
SPAR M7N, MIS			2880		#			5	0	0			L	10 AC		
MCCLOSKY, MIS			2870		#			6	0	0		38	0.24 L	9 AC		
S7. LOUIS, MIS			3080		30			4	0	0		38	0.24 L	6 AC		
WHITTINGTON S, FRANKLIN, 5-6S, 3E																
CYPRESS, MIS			2580	1950	120	3.5	458.5	10	0	0	10	35	S	10 A	MIS	3045
*WHITTINGTON W, FRANKLIN, 5S, 2-3E																
				1943	670	3.0	1571.2	38	0	7	2			A	MIS	3535
BENOIST, MIS			2615		10			1	0	0			S	10 AL		
RENAULT, MIS			2700		480			21	0	6		37	L	0 A		
AUX VASES, MIS			2700		180			13	0	1		38	S	15 AL		
OHARA, MIS			2800		110			5	0	0			L	5 AC		
SPAR M7N, MIS			2780		#			2	0	0			L	4 AC		
MCCLOSKY, MIS			2900		#			3	0	0		38	L	6 AC		
*WILBERTON, FAYETTE, 5N, 2-3E																
				1959	1050	87.7	1405.2	55	1	6	35				ORO	4528
BOROEN, MIS			2628	1963	10			1	0	0			S	38		
CARPER, MIS			3203	1961	1040			52	1	6			S	39		
LINGLE, OEV			3466	1959	30			3	0	0		28	S	4		
*WILLIAMS C, JEFFERSON, 2-3S, 2E																
				1948	480	19.1	1268.5	44	2	0	33			A	OEV	4578
BENOIST, MIS			2490		220			16	2	0		39	S	10 AL		
AUX VASES, MIS			2550		400			29	0	0		37	S	5 AL		
MCCLOSKY, MIS					10			1	0	0			L	AC		
WITT W, MONTGOMERY, 10N, 3W																
7RENTON, ORO			2647	1968	10	0.0	0.0	1	0	0	0		L	13	TRN	2721
					A8D 1969											
*WOBURN C, MONROE, 6-7N, 2W																
				1940	1430	31.8	4379.1	136	0	3	75			A	ORO	3279
CYPRESS, MIS			865		310			20	0	1		35	S	8 AL		
BENOIST, MIS			1020		340			38	0	0		36	0.20 S	10 AL		
RENAULT, MIS			1047	1958	10			1	0	0		36	L	0 AL		
AUX VASES, MIS			1055	1956	140			5	0	0		36	S	10 AL		
LINGLE, OEV			2275		720			56	0	0		35	S	8 AC		
7ENTON, ORO			3170		320			19	0	2		39	0.27 L	12 AC		
*WOODLAWN, JEFFERSON, 2-3S, 1-2E																
				1940	1900	138.4	17697.6	194	0	2	84			A	ORO	5101
7AR SPRINGS, MIS			1440		30			3	0	0			S	0 AL		
CYPRESS, MIS			1800		180			3	0	0		37	S	10 AL		
BENOIST, MIS			1960		1860			175	0	2		38	0.16 S	25 A		
AUX VASES, MIS			1975		270			24	0	0		39	S	10 A		
SPAR M7N, MIS			2205		240			15	0	0		38	LS	15 A		
MCCLOSKY, MIS			2200		#			1	0	0			L	3 A		
LINGLE, OEV			3690		70			11	0	0		37	S	6 A		
XENIA, CLAY, 2N, 5E																
				1941	120	0.3	46.6	8	1	0	7			A	OEV	4745
AUX VASES, MIS			2785	1941	10			1	0	0		35	0.19 S	13 A		
CARPER, MIS			4230	1962	110			7	1	0		38	S	12		



TABLE 7 - ILLINOIS OIL POOL STATISTICS, 1971 - Continued

Field, County location by township and range (* Secondary recovery - see Part II)	Pay zone		Year of dis- cov- ery	Area proved in acres	Oil production (M bbls)		Number of wells				Character of oil		Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Com- pleted to end of 1971	Com- ple- ted in 1971	Aban- doned 1971	Pro- ducing end of year	Gr. API	Sul- fur (%)	Kind of rock, avg. thickness in feet, structure	Zone	Depth (ft)	
XENIA E, CLAY, 2N, 5E																
			1951	300	17.4	839.6	29	0	0	12			A	MIS	4620	
	CYPRESS, MIS	2500		260			18	0	0		37	S	6 AL			
	BENDIST, MIS	2710		110			9	0	0		35	S	6 AL			
	RENAULT, MIS	2755	1959	20			2	0	0			S	15 AL			
	AUX VASES, MIS	2741	1960	30			3	0	0			S	10 A			
YALE, JASPER, 8N, 11E																
			1966	30	0.0	1.6	3	0	0	3					MIS	2390
	SPAR MTN, MIS	2070	1966	30			1	0	0			L	10			
	MCCLOSKEY, MIS	2140	1966	#			2	0	0			L	6			
*YORK, CUMBERLAND, CLARK, 9-10N, 10-11E, 14W																
	ISABEL, PEN	590	1907	410			78	0	0	9	31	S	15 AM	OEI	2642	
SEE CLARK COUNTY DIVISION FOR PRODUCTION. A80 1945, REV 1950																
*ZEIGLER, FRANKLIN, 7S, 2E																
	AUX VASES, MIS	2614	1963	350	117.2	1724.7	34	0	0	33	37	S	19	MIS	3030	
ZENITH, WAYNE, 2N, 5E																
			1948	30	0.0	24.6	3	0	0	0					MIS	3381
	MCCLOSKEY, MIS	2970	1948	20			2	0	0			L	7 AC			
	ST LOUIS, MIS	3088	1969	10			1	0	0			L	6			
A80 1956, REV 1969, A80 1970																
*ZENITH E, WAYNE, 1N, 6E																
	SPAR MTN, MIS	3170	1965	250	18.5	294.4	14	0	0	13		L	10	MIS	3515	
*ZENITH N, WAYNE, 2N, 6E																
			1951	280	10.9	1096.7	14	0	0	6			N	MIS	3254	
	SPAR MTN, MIS	3080		280			12	0	0		38	L	6 NC			
	MCCLOSKEY, MIS	3140		#			6	0	0			L	4 NC			
ZENITH S, WAYNE, 1N, 5E																
			1949	300	0.0	765.9	15	0	0	0			M	MIS	3827	
	OHARA, MIS	2920		300			2	0	0			L	6 MC			
	MCCLOSKEY, MIS	2985		#			13	0	0		37	L	7 MC			
A80 1966, REV 1967, A80 1970																
TOTALS FOR 1971				587,400	39,084	2,907,379	64,471	265	1,113	25,361						



TABLE 8 - ILLINOIS GAS POOL STATISTICS, 1971 - Continued

Field; county; location by township and range	Pay zone		Year of dis- covery	Area proved in acres	Gas production million cu ft		Number of wells				Pay zone			Deepest test	
	Name and age	Depth (ft)			Ouring 1971	To end of 1971	Completed to end of 1971	Com- pleted in 1971	Aban- doned 1971	Pro- ducing end of year	Kind of rock, average thickness in feet, structure	Zone			
Carlyle*; Clinton; 2N; 3W															
	Cypress, Mis	1,015	1958	10	0	x	1	0	0	0	S	x	AL	St.P	4,120
Casey*; Clark															
	Casey, Pen	440		x	0	x	x	0	1	0	S	x	AM	Trn	2,608
Claremont; Richland; 3N; 14W															
	Spar Mtn, Mis	3,200	1950	160	0 Abd 1952	0	1	0	0	0	L	5	MC	Mis	3,340
Cooks Mills C* tt; Coles, Douglas; 14N; 7-8E															
			1941	950	0	1,895.4	23	0	0	0			A	Dev	3,059
	Cypress, Mis	1,600		680	0	x	14				S	10	A		
	Aux Vases, Mis	1,800		40	0	x	1				S	8	A		
	Spar Mtn, Mis	1,765		450	0	x	6				S	15	A		
Corinth S; Williamson; 9S; 4E															
	Hardinsburg, Mis	2,232	1970	30	128.4	128.4	3	2	0	2	S	4		Mis	2,823
Dubois C*; Washington; 3S; 1-2W															
	Cypress, Mis	1,220	1939	400	0	0	10	0	0	0	S	10	AL	Ord	4,217
Dudley*; Edgar; 14N; 13W															
	Pennsylvanian	300	1948	160	0	x	4	0	0	0	S	20	M	St.P	2,997
Dudley W Gas; Edgar; 13N; 13W															
	Gas, Pen	380	1953	130	0	0	4	0	0	0	S	11	x	Pen	478
Eden Gas tt; Randolph; 5S; 5W															
	Cypress, Mis	875	1962	1,000	0	0	15	0	0	0	S			Mis	2,377
Eldorado C*; Saline; 8S; 7E															
			1941	300	0	3,673.5	15	0	0	0			A	Mis	3,606
	Palestine, Mis	1,920		120	0		3				S	20	AL		
	Waltersburg, Mis	2,055		80	0		2				S	20	AL		
	Tar Springs, Mis	2,225		40	0		3				S	17	AL		
	Hardinsburg, Mis	2,353	1962	120	0		3				S	5			
	Cypress, Mis	2,460		80	0		2				S	20	x		
Eldorado E*; Saline; 8S; 7E															
			1953	110	178.6	673.5	7	3	0	4			A	Mis	3,666
	Palestine, Mis	1,900		80			4	0	0		S	30	AL		
	Tar Springs, Mis	2,135		20			4	3	0		S	20	AL		
Eldorado W*; Saline; 8S; 6E															
	Palestine, Mis	1,923	1960	10	0	0	1	0	0	0	S	27	x	Mis	3,138
Fishhook Gas; Adams, Pike; 3-4S; 4-5W															
	Edgewood, Sil	450	1955	7,260	0	0	69	0	1	0	L	5	x	St.P	1,018
Ficklin; Douglas; 16N; 8E															
	Spar Mtn, Mis	1,444	1966	40	0	0	1	0	0	0	S	20	x	Cam	5,301
Freeburg* tt; St. Clair; 1-2S; 7W															
	Cypress, Mis	380	1956	700	0	x	29	0	0	0	S	30	x	Ord	2,008
Gillespie-Benld (Gas)tt; Macoupin; 8N; 6W															
	Unnamed, Pen	540	1923	80	0 Abd 1935	135.8	5	0	0	0	S	x	A	Pen	603
Gillespie W; Macoupin; 8N; 7W															
	Unnamed, Pen	525	1958	10	0	0	1	0	0	0	S	x	x	Pen	565
Grandview*; Edgar; 12-13N; 13W															
			1945	400	0	x	12	0	0	0			M	Ord	2,694
	Gas, Pen	400		360	0	x	11				S	x	ML		
	Salem, Mis	570		40	0	x	1				L	2	ML		

TABLE 8 - ILLINOIS GAS POOL STATISTICS, 1971 - Continued

Field; county; location by township and range	Pay zone		Year of dis- covery	Area proved in acres	Gas production million cu ft		Number of wells				Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Completed to end of 1971	Com- pleted in 1971	Aban- doned 1971	Pro- ducing end of year	Kind of rock, average thickness in feet, structure		Zone	Depth (ft)	
Greenville Gas*; Bond; 5N; 3W															
	Lindley (1st and 2nd), Mis	925	1910	180	0 Abd 1923;	990.0 rev 1957;	4 abd 1958	0	0	0		S	x	A	Trn 3,184
Harco, Harco E and Raleigh S*; Saline; 8S; 5E															
	X, Mis	x	1954	x	60.7	2,135.6		x	0	0	1				Mis 3,424
Harrisburg*; Saline; 8S; 6E															
	Tar Springs, Mis	2,085	1952	160	0 Abd 1971	93.2	1	0	0	0		S	6	x	Mis 2,930
Herald C*; Gallatin, White; 6-8S; 9-10E															
	Anvil Rock, Pen	700	1939	1,080	0	x	19	0	0	0				A	Mis 4,055
	Pennsylvanian	1,750		360	0	x	9					S	25	AL	
	Waltersburg, Mis	2,240		120	0	x	3					S	18	AL	
	Tar Springs	2,315		120	0	x	3					S	10	A	
				480	0	x	4					S	6	AL	
Hutton*; Coles; 11N; 10E															
	Pennsylvanian	620	1965	80	0	0	2	0	0	0		S	x	x	Mis 969
Inclose*; Clark, Edgar; 12N; 13-14W															
	Pennsylvanian	540	1941	370	0	x	13	4	1	0		S	12	x	Mis 1,600
Jacksonville (Gas)*; Morgan; 15N; 9W															
	Gas, Pen, Mis	330	1910	1,320	0 Abd 1939	x	45	0	0	0		LS	5	ML	Ord 1,390
Johnston City E; Williamson; 8S; 3E															
	Tar Springs, Mis	1,930	1965	80	99.3	689.3	4	0	0	3		S	10	x	Mis 2,968
Kansas Gas; Edgar; 13N; 14N															
	Unnamed, Pen	410	1958	30	0	x	3	0	0	0		S	x	x	Mis 778
Livingston East; Madison; 6N; 6W															
	Pennsylvanian	540	1951	60	0	0	3	0	0	0		S	12	x	Mis 815
Livingston S*; Madison; 6N; 6W															
	Pennsylvanian	530	1950	40	0	0	1	0	0	0		S	2	ML	Stl 1,735
Louden* tt; Fayette; 7N; 3E															
	Burtschi, Pen	1,000	1937	1,760	0	x	14	0	0	0				A	Pc 8,616
	Tar Springs, Mis	1,170		320	0	x	5					S	20	AL	
				1,440	0	x	9					S	2	AL	
Main C*; Crawford, Lawrence; 5-8N; 10-14W															
	Robinson, Pen	1,000	1906	x	x	x	x	1	1	0				M	St.P 5,317
	Hardinsburg, Mis	1,075		x	0	0	x	1	1			S	x	ML	
	Cypress, Mis	1,425		160	0	x	1	0	0			S	40	ML	
	Aux Vases, Mis	1,527	1959	320	0	x	2	0	0			S	6	ML	
				60	0	x	6	0	0			S	8	ML	
Marion E*; Williamson; 9S; 3E															
	Aux Vases, Mis	2,406	1966	40	0	0	1	0	0	0		S	4	x	Mis 2,642
Marissa W (Gas)*; St. Clair; 3S; 7W															
	Cypress, Mis	241	1960	60	0	x	6	0	0	0		S	25		Ord 2,413
Mattoon*; Coles; 12N; 7E															
	Devonian	3,124	1948	30	0	0	5	3	0	0		L	4		St.P 4,915
Mt. Olive*; Montgomery; 8N; 5W															
	Pottsville, Pen	605	1942	100	0	x	4	0	0	0		S	6	A	Dev 1,819
New Athens Gas; St. Clair; 2S; 7W															
	Cypress, Mis	250	1961	160	0	0	4	0	0	0		S	13		Mis 311

TABLE 8 - ILLINOIS GAS POOL STATISTICS, 1971 - Continued

Field; county; location by township and range	Pay zone		Year of dis- covery	Area proved in acres	Gas production million cu ft		Number of wells				Pay zone			Deepest test		
	Name and age	Depth (ft)			During 1971	To end of 1971	Completed to end of 1971	Com- pleted in 1971	Aban- doned 1971	Pro- ducing end of year	Kind of rock, average thickness in feet, structure	Zone				
New Hebron E*; Crawford; 6N; 12W																
	Robinson, Pen	866	1968	30	0	0	3	1	0	0	S	x	x	Mis	1,571	
Omaha*; Gallatin; 7-8S; 8E																
	Tar Springs, Mis	1,900	1940	120	4.1	177.6	3	0	0	1	S	15	D	Mis	3,408	
Panama*; Bond, Montgomery; 7N; 3-4W																
	Pennsylvanian	575	1940	280	0	x	7	0	0	0				A	Dev	2,016
	Benoist, Mis	865		160	0	x	4				S	30		A		
				120	0	x	3				S	12		A		
Pittsburg N Gas*; Williamson; 8S; 3E																
	Hardinsburg, Mis	2,151	1962		0.4	0.4		0	0	1	S	6		Mis	3,070	
Pittsfield (Gas); Pike; 5S; 4-5W																
	Niagaran, Sil	265	1886	8,960	0 Abd 1930	x	68	0	0	0	L	10	A	Pc	2,226	
Plainview*; Macoupin; 8N; 8W																
	Pennsylvanian	441	1961	20	0	0	2	1	0	0	S	20	x	Pen	563	
Prentice*; Morgan; 16N; 8W																
	Pennsylvanian	260	1953	290	0	0	7	0	3	0	S	15	x	Ord	1,513	
Raleigh*; Saline; 8S; 6E																
	Waltersburg, Mis	2,307	1962	40	26.4	348.8	1	0	0	1	S	7	x	Mis	3,249	
Redmon N; Edgar; 14N; 13W																
	Pennsylvanian	365	1955	50	0	0	2	0	0	0	S	3	x	Mis	450	
Richwood (Gas) tt; Crawford; 6N; 11W																
	Pennsylvanian	612	1959	160	0	28.6	4	0	0	0	S	9	x	Pen	1,001	
Roland C*; Gallatin; 7S; 8E																
	Waltersburg, Mis	2,150	1940	160	0	0	1	0	0	0	S	19	AL	Dev	5,266	
Russellville Gas*; Lawrence; 4-5N; 10-11W																
			1937	1,800	0 Abd 1949	7,081.6	60	0	0	0				A	Dev	3,133
	Bridgeport, Pen	760		x	0	x	18			0	S	15	AL			
	Buchanan, Pen	1,100		x	0	x	42				S	12	AL			
St. Libory; St. Clair; 1S; 6W																
	Cypress, Mis	622	1964	240	0	0	7	0	0	0				Sil	1,997	
	Benoist, Mis	754	1965	40	0	0	1				S	11	x			
	Aux Vases, Mis	825	1964	40	0	0	1				S	22	x			
	Silurian			120	0	0	4				S	10	x			
				120	0	0	3				L		x			
Spanish Needle Creek (Gas); Macoupin; 9N; 7W																
	Unnamed, Pen	305	1915	80	0 Abd 1934	14.4	7	0	0	0	S	x	0	Trn	2,070	
Sparta*; Randolph; 4-5S; 5-6W																
	Cypress, Mis	850	1888	160	0 Abd 1900	x	18	0	0	0	S	7	D	Trn	3,130	
Staunton (Gas)*; Macoupin; 7N; 7W																
	Unnamed, Pen	460	1916	400	0 Abd 1919	1,050.0	18	0	0	0	S	x	A	Ord	2,371	
Stirlitz*; Williamson; 8S; 2E																
	Tar Springs, Mis	1,951	1971	10	0.6	0.6	1	1	0	1	S	14		Mis	2,640	



TABLE 8 - ILLINOIS GAS POOL STATISTICS, 1971 - Continued

Field; county; location by township and range	Pay zone		Year of dis- covery	Area proved in acres	Gas production million cu ft		Number of wells				Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1971	To end of 1971	Completed to end of 1971	Com- pleted in 1971	Aban- doned 1971	Pro- ducing end of year	Kind of rock, average thickness in feet, structure	Zone			
Storms C*; White; 5-6S; 9-10E															
	Gas, Pen	1,090	1939	440	0	x	9	0	0	0			A	Dev	5,174
	Waltersburg, Mis	2,230		170	0	x	2				S	40	AL		
				280	0	x	7				S	15	AL		
Stubblefield S*; Bond; 4N; 4W															
	Pennsylvanian	660	1962	180			6	2						Dev	2,455
	Cypress, Mis	920	1971	10			1	1			S	x	x		
			1962	170	0	0	5	1			S	x	x		
Sumner S (Gas); Lawrence; 3N; 13W															
	Aux Vases, Mis	2,566	1959	40	0	0	2	0	0	0	S	10		Mis	2,990
Tamaroa*; Perry; 4S; 1W															
	Cypress, Mis	1,120	1942	20	0	0	2	0	0	0	S	13	AL	Trn	4,287
Tilden N Gas tt; Washington, St. Clair; 3S; 5-6W															
	Cypress, Mis	780	1961	x	0	x	x	1	0	0	S	25		Ord	2,810
Waggoner*; Montgomery; 11N; 5W															
	Pottsville, Pen	523	1959	10	0	0	1	0	0	0	S	2	x	Sil	1,945
Wamac East* tt; Marion; 1N; 1E															
	Petro, Pen	856	1958	90	0	x	9	0	0	0	S	x	M	Dev	3,405
Waverly* tt; Morgan; 13N; 8W															
	Pennsylvanian	250	1946	900	0	0	8	0	0	0			A	Ord	2,070
	Devonian	1,000		160	0	0	1				S	13	AL		
	Trenton, Ord	1,513	1963	700	0	0	6				L	10	A		
				40	0	0	1				L	x	x		
Westfield E*; Clark; 12N; 14W															
	Pennsylvanian	400	1947	60	0	0	3	0	0	0	S	11	ML	Mis	795
Totals for Illinois (estimated)				34,850	498.4	20,354.1	705	19	5	14					

## PART II. WATERFLOOD OPERATIONS

T. F. Lawry

### INTRODUCTION

Oil production by secondary recovery methods accounted for 71.6 percent of the petroleum produced in Illinois during 1971. Waterfloods produced 27,757,600 barrels, or 71.0 percent, of the total oil, and pressure maintenance projects produced 253,800 barrels, or 0.6 percent, of the total oil produced during the year. Total fluid-injection oil produced in 1971 was 28,011,400 barrels.

There were 57 new waterflood projects added and 28 waterflood projects abandoned during 1971.

Total pay acreage subjected to injection was increased by 8,830 acres as a result of the new waterfloods, and an additional 7,008 acres were added to the already operating waterfloods as a result of expansion of the older projects. At the end of 1971 there were 388,426 pay acres under waterflood development. This represents 51.4 percent of the total pay acreage in the state.

The assistance of the operators in making the data for this report available to the State Geological Survey is acknowledged with thanks.

### SUMMARY OF WATERFLOOD OPERATIONS

During 1971, 57 new waterflood projects were added or reported for the first time. Data for these projects have been added to table 10 and summarized in tables 9, 11, 12, and 13, along with current information for older active waterfloods. Among the 57 new waterfloods reported, data for nine operations "adjacent to active waterflood" are reported. These are areas that appear to be producing a significant volume of oil as a result of adjacent waterflood activity.

New waterflood acreage added in 1971 is 8,830 pay acres subjected to injection. Expansion and additional development within the older waterfloods resulted in an additional 7,008 pay acres being added to the total acreage subject to injection. At the end of 1971, total productive pay acreage in Illinois was 756,265. Developed waterflood acreage was 51.4 percent of the total productive pay acres.

Based upon reports and estimates, a figure of 28,016,400 barrels was obtained for oil production by fluid injection in 1971. Waterfloods produced 27,757,600 barrels, or 71.0 percent, and pressure maintenance projects produced 253,800 barrels, or 0.6 percent, of the total oil. A number of waterfloods are not being reported and are not amenable to estimation. If data were available for them, it is presumed that the percent of oil produced by water-injection methods in Illinois would be at least 75 percent of the state total.

In 1971 twenty-eight waterfloods were either abandoned or reported abandoned for the first time. Four waterfloods projects were dropped during the year because of apparent lack of operations or because their data were combined with those of another project or projects.

### TABLES

Table 9, "Project Numbers by County and Summary of Waterflood Projects," is a list of the counties having waterflood activity. Each waterflood project is assigned a unique number within the range of numbers set aside for the respective county. This table summarizes the number and status of waterfloods in each county.

Waterfloods crossing county lines are generally assigned to the county in which the greater portion of the waterflood occurs.

Table 10, "Waterflood Operations in Illinois," is a summary of the data for each waterflood, operating and abandoned, in the state. Most of the data furnished by the operators are included in this table. Data for waterfloods not reported to the Survey are estimated as accurately and as completely as possible on the basis of past performance.

Table 11, "Illinois Waterfloods for 1971 by Counties," is a summary of the waterflood data on a county-by-county basis.

Table 12, "Illinois Oil Pools Having Active Waterfloods During 1971," is a summary of the data for active waterfloods by fields.

Table 13, "Summary of Waterflood Statistics 1949-1971," is a tabulation of waterflood summary data for the past 23 years.

#### USE OF FRESH WATER

Operators were asked for data on the volume of fresh water used for waterflood injection

in 1971. The response to the request was good. For 1971 use of 43 million barrels of fresh water was reported. Except for a few man-made lakes and ponds, the principal source of fresh water was the alluvium found in the valley floor of the Wabash River and its tributaries.

#### CONCLUSIONS

The year 1971 was the fifth consecutive year in which more than 70 percent of the oil produced in Illinois could be attributed to secondary recovery by fluid-injection methods. Total crude-oil production for the state declined 10.7 percent from the 1970 figure, and oil produced by fluid injection declined 9.0 percent. Without an unexpected breakthrough in the art and science of enhanced recovery, or the discovery of more prolific primary reserves, a similar decline will probably be observed for Illinois oil production in the future.

#### ABBREVIATIONS

The following abbreviations have been used in tables 9 through 13:

abd - abandoned  
adj - adjusted  
coop - cooperates, cooperating  
cum - cumulative  
disc - discontinued  
est - estimate, estimated  
excl - excludes, excluding, excluded  
form - formerly  
incl - includes, including, included  
inj - injection  
op - operator  
prev - previous  
prim - primary  
prod - production  
temp - temporary, temporarily

TABLE 9 - PROJECT NUMBERS BY COUNTY AND SUMMARY OF WATERFLOOD PROJECTS IN 1971

Range of county numbers	County	Active water- floods	Active pressure maintenance	Abandoned	Total
001 - 007	Bond	4	0	3	7
100 - 105	Christian	6	0	0	6
200 - 231	Clark	10	0	16	26
300 - 374	Clay	43	0	32	75
400 - 420	Clinton	16	1	4	21
500 - 523	Coles	15	0	9	24
589 - 698	Crawford	63	0	40	103
700 - 708	Cumberland	5	0	3	8
800 - 802	Douglas	2	0	1	3
900 - 902	Edgar	3	0	0	3
1000 - 1036	Edwards	24	1	11	36
1100 - 1119	Effingham	16	0	3	19
1200 - 1251	Fayette	44	0	8	52
1300 - 1335	Franklin	24	0	12	36
1400 - 1449	Gallatin	30	0	20	50
1500 - 1570	Hamilton	30	0	41	71
1900 - 1925	Jasper	13	0	13	26
2000 - 2027	Jefferson	16	1	11	28
2200 - 2289	Lawrence	95	0	23	118
2300	Macon	0	0	1	1
2400	Macoupin	1	0	0	1
2500 - 2507	Madison	5	0	3	8
2600 - 2638	Marion	27	0	12	39
2900	Montgomery	0	0	1	1
3100 - 3101	Perry	2	0	0	2
3400 - 3443	Richland	26	0	18	44
3600 - 3620	Saline	12	0	9	21
3800 - 3802	Shelby	3	0	0	3
3854 - 3999	Wabash	94	0	51	145
4000 - 4016	Washington	15	0	2	17
4066 - 4199	Wayne	88	0	45	133
4200 - 4416	White	135	0	82	217
4501 - 4502	Williamson	<u>2</u>	<u>0</u>	<u>—</u>	<u>2</u>
	Total	869	3	471	1,343





TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971

Field, County	General information				Production and injection statistics (M bbls)					
Project no. * = ABD. + = P, M.	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production	
					Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71
AB LAKE W, GALLATIN *1417 COY OIL CO *1421 COY OIL CO		AB LAKE WEST UNIT AB LAKE WEST UNIT	WALTERSBURG AUX VASES	30,31-8S-10E 30,31-8S-10E		1091 219		184*		526*
ADEN C, HAMILTON, WAYNE 4158 FAIRFIELD OIL CO *4101 TEXACO, INC. *4102 TEXACO, INC. 4181 TEXACO, INC.		SW FAIRFIELD UNIT ADEN SOUTH ADEN SOUTH NORTH ADEN UNIT	AUX VASES AUX VASES MCCLOSKY AUX VASES	22-2S-7E 8,9,16,17,20-3S-7E 8,9,16,17,20-3S-7E 28,32,33-2S-7E, 4,5-3S-7E	25   1074	1537 6138 6506 12783	3.7   103.5*	123 1050 660 2213*	25   2276*	691 8418*  17835*
4182 TEXACO, INC.		NORTH ADEN UNIT	MCCLOSKY	28,32,33-2S-7E, 4,5-3S-7E	1523	15230				
ADEN S, HAMILTON *1521 H. WEINERT EST.		SOUTH ADEN UNIT	AUX VASES SPAR MTN MCCLOSKY	29,30-3S-7E		2477		176		
AKIN, FRANKLIN *1310 C. E. BREHM 1311 C. E. BREHM 1317 C. E. BREHM 1321 C. E. BREHM 1327 FARRAR OIL CO.		LARIO TRUSTEE A U AKIN SE U U S COAL & COKE U S STEEL AKIN UNIT	AUX VASES AUX VASES CYPRESS AUX VASES AUX VASES	36-6S-4E 25-6S-4E 23-6S-4E 26-6S-4E 35-6S-4E	 104  64 2	109 1928 573 372 290	 10.1 1.8 12.8 3.9	229 39 112 59	18* 252 118 2	
ALBION C, EDWARDS, WHITE 1001 ACME CASING 1011 ACME CASING 1002 NICK BABARE *4201 CONCHO PET. CO. *4202 CONCHO PET. CO. *1014 CONTINENTAL OIL *1015 FIRST NATL PET 1006 GETTY OIL CO 1033 MOBIL OIL CORP.		SOUTH ALBION U BIEHL S ALBION L BIEHL U H. WICK NORTH CROSSVILLE UNIT N CROSSVILLE U STAFFORD BROWN SW ALBION BIEHL SO U ALBION U	BIEHL BIEHL OHARA CYPRESS TAR SPRINGS MCCLOSKY AUX VASES BIEHL AUX VASES	1,2-3S-10E 1-3S-10E; 35,36-2S-10E 24-2S-10E 26,27,34,35-3S-10E 26,27,34,35-3S-10E 13-2S-10E 6-2S-11E 2,11,14-3S-10E 12-2S-10E; 7,18-2S-11E	100* 75* 110*     507 290	2825 3226 1255 3620 868 625  18572 2252	9.0* 8.0* 4.0*     25.4 24.8	467 704 95 313 58 43  1561 274	100* 75* 110*     356 111	1739 2367 962 1270 69 637  8830 523
4200 MOBIL OIL CORP. 4308 MOBIL OIL CORP.		BIEHL U 1 W GRAYVILLE U	BIEHL SAMPLE BETHEL AUX VASES	22,23-3S-10E 23-3S-10E  AUX VASES	160 503  197	8772 1624  790	11.2 106.9  17.9	1318 216  61	181 108  11	3274 231  23
1035 RK PET. CORP. 1000 REBSTOCK OIL CO. *1018 REBSTOCK OIL CO. 4321 J. W. RUOY ORLG.		RK EAST ALBION UNIT BIEHL U 2 EAST ALBION UNIT ROBINSON	AUX VASES BIEHL AUX VASES TAR SPRINGS BETHEL	6-2S-11E, 1-2S-10E 14-3S-10E 36-1S-10E, 31-1S-11E 23-3S-10E	11*   36	4194 1756  92	1.0*   2.9	610 198  3	11*   18	1215 469  46
1003 SUPERIOR OIL CO. 1004 SUPERIOR OIL CO.		SOUTH ALBION SRPU 1 SOUTH ALBION UNIT 2	BIEHL WALTERSBURG MANSFIELD BRIDGEPORT BIEHL WALTERSBURG AUX VASES	25,36-2S-10E 30,31-2S-11E 1,2,11,12-3S-10E   18,19-2S-11E	579 273 233 129 91 1328	9162 1590 6776 5558 2294 1328	21.9 41.1*    6.7*	1920 1908*    75*	400 640*    32*	4336 13982*    274*
1032 SUPERIOR OIL CO.		WORKS UNIT	WALTERSBURG BETHEL AUX VASES MCCLOSKY	18,19-2S-11E   30-2S-11E	51   9	454 174 39 122	   11.0	   527	   74	   434
1036 SUPERIOR OIL CO. *1030 TEXACO, INC. 1026 W AND W WELL SERVICE *4353 P. O. WALL 1031 WARRIOR OIL CO.		WILLET BARNES EAST MAXWELL-MOSSBARGER GRAYVILLE WEST U E. ALBION WALT. SAND U.	WALTERSBURG WALTERSBURG BETHEL CYPRESS WALTERSBURG	30-2S-11E 24-2S-10E 15-3S-10E 22-3S-10E 31-1S-14W; 6-2S-14W	    411	136 544 154 219 2445	    8.5	527 33 17 61 80	    120	434 537  265 809
ALBION EAST, EDWARDS 1005 READING & BATES		ALBION E U	AUX VASES	1-2S-10E; 6-2S-11E	239	1142	36.2	143	172	384
ALLENDALE, LAWRENCE, WABASH 3969 ASHLAND O AND R 3902 BEULIGMANN ET AL 3865 JOHN BLEDSOE, JR 3905 CHARLES E. CARR		FRIENOSVILLE COOP PRICE-ROBINSON HOVERMALE ALLENDALE (FLOOD 19)	BIEHL BIEHL BENOIST BIEHL	30-1N-12W 14-1N-12W 36-2N-12W 3,4,9,10-1N-12W	145 39  1500	4137 239 64 33344	7.6 4.5  35.0*	290 21 2 1959	145 31  20*	3715 202 12  26
*3971 T. W. GEORGE *3990 H AND H OIL CO *3900 CECIL A. HAMMAN 3869 ILLINOIS OIL CO. 3899 ILLINOIS OIL CO. 3906 ILLINOIS OIL CO. 3996 ILLINOIS OIL CO. *3944 INO. FARM BUR. *3992 INO. FARM BUR. 3898 JACK KENEIPP 3966 JACK KENEIPP		YOUNG WF BUCHANAN GILLIATT-ALKA FRENCH ET AL PRICE HEIRS YOUNG SPARKS-PETER UNIT WOODS 'C' KEYSER 'B' HERSHEY-COGAN COGAN	BENOIST CYPRESS BIEHL BIEHL BIEHL BIEHL BIEHL BIEHL CYPRESS BIEHL	1-1N-12W 33-1N-12W 13-1N-12W 32-2N-12W 2-1N-12W 1-1N-12W 36-2N-12W 20-1N-12W 13-1N-12W 35-2N-12W 35-2N-12W	   20* 36* 200 100   40* 20*	208 367 2735 71 45 4192 852 633 303  535+	   2.0* 2.1* 5.0 1.8   1.8*	44 244 13 3 193* 63 45 20  67+	   20* 18* 170 80   40*	   44 21 1031* 919*   396+
3978 JACK KENEIPP *3999 JACK KENEIPP *3952 L AND M DRILLING 3871 DAYTON LOEFFLER		COGAN WALSER STANLEY PRICE FRIENOSVILLE EAST U.	JORDAN CYPRESS TAR SPRINGS BIEHL BIEHL	35-2N-12W 2-1N-12W  19-1N-12W 18,19-1N-12W; 13,24-1N-13W	10    120*	209 26 887 601	   38.0*	 5 167 289	   60*	 6 348 190
3883 DAYTON LOEFFLER		G.O. ADAMS COOP	CYPRESS BETHEL	16-1N-12W	36*	297	4.0*	51	28*	144
3901 DAYTON LOEFFLER 3951 DAYTON LOEFFLER 2201 WILLIAM PAOGETT		CLARK, BARTH.-PINNICK ALLENDALE WEST U HERSHEY U	TAR SPRINGS BIEHL BETHEL	25,36-2N-12W 8-1N-12W 27,34,35-2N-12W 34,35-2N-12W	19* 200* 60*	100 4214 1195	3.7* 3.8* 2.7*	12 528 88	5* 150* 50*	11 2932 407
3909 R & G CORP.		ALLENDALE U	BIEHL JORDAN	3-1N-12W		5273	3.0*	272	80*	4124
3911 C.A. ROBINSON		MAOGEN	BIEHL	6,7-1N-11W		588		14		300

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71					Injection water			Remarks
	Depth (ft)	Net pay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (*API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow	Type (F) = Fresh (B) = Brine (M) = Mixed		
								Inj.	Prod.					
A8 LAKE W, GALLATIN														
*1417	2025	17.0	16.3	20	36.9	07-59	06-64	6	9	180	SH GRAV, PENN SO (F)		*INCL 1421	
*1421	2750	10.0	16.3	27	37.1	07-59	06-64	1	2	30	SH GRAV, PENN SO (F)		*INCL WITH 1417	
AOEN C, HAMILTON, WAYNE														
4158	3250	9.0	21.0	156	40.0	02-62		1	3	100	PENN SO, PROD (B)			
*4101	3200	10.0	22.0	150	37.0	08-66	03-66	12	12	640	PRODUCEO (B)		*INCL 4102	
*4102	3350	3.6			37.0	08-66	03-66	11	5	640	PRODUCEO (B)		*INCL WITH 4101	
4181	3150	12.0			36.0	01-64		14	13	1000	PENN SO, PROD (B)		*INCL 4182	
4182	3350	14.0			38.0	01-64		10	10	1000	PENN SO, PROD (B)		*INCL WITH 4181	
AOEN S, HAMILTON														
*1521	3245	21.0				03-64	04-70	4	10	150	PENN SO, PROD (B)			
	3335	10.0						4	10	150				
	3390	8.0						2	2	80				
AKIN, FRANKLIN														
*1310	3100	20.0				02-60	12-62	2	5	120	CYPRESS (B)			
1311	3120	20.0	20.5	175	38.0	10-61		3	11	150	PENN SO, PROD (B)			
1317	2840	15.0	13.0	90	34.0	05-62		2	6	80	PENN SO, PROD (M)		*ESTIMATED 1968-69	
1321	3100	16.0			38.0	06-65		1	4	60	PENN SO, PROD (B)		*ESTIMATED	
1327	3060	14.7			37.0	01-66		3	3	100	PENN SO, PROD (B)			
ALBION C, EDWARDS, WHITE														
1001	2075	18.0	20.0	200	33.4	12-55		2	5	110	PRODUCEO (B)		*ESTIMATED 1967-71	
1011	2080	9.2	16.8	384	32.3	04-51		2	1	120	PRODUCEO (B)		*ESTIMATED 1967-71	
1002	3150	10.0				07-51		1	1	80	PROD(B)		*ESTIMATED	
*4201	2850	12.0	18.0		37.0	10-52	12-58	9	21	250	RIVER, PROD (M)			
*4202	2460	6.0	18.0		37.0	10-52	12-58	4	5	100	RIVER, PROD (M)			
*1014	3222	4.0	16.3	898	39.0	05-43	12-56	1	7	80	PRODUCEO (B)			
*1015	2005	21.0				04-52	07-55	1	1	30	HAROLDSBURG (B)			
1006	1850	16.2	18.0	150	32.2	01-55		10	10	403	GRAVEL, PROD (M)			
1033	3025	15.0	17.3	35	39.0	02-66		7	10	200	PENN SO, PROD (B)			
	3060	13.0						3	9	120				
4200	1900	21.2	20.2	265	38.0	06-48		3	3	170	RIVER, PROD (M)			
4308	2930	12.0				02-68		1	4	50	SHALLOW SO, PROD (M)			
	2960	19.0						5	11	160				
	3160	18.0						4	10	160				
1035	3010	18.3				10-65		4	3	70	CITY WATER (F)			
1000	1900	30.0	19.3	303	35.8	09-50		1	1	50	RIVER, PROD (M)		*ESTIMATED	
*1018	3000	14.3	18.0	13	37.5	11-59	12-67	6	5	340	PENN SO, PROD (B)			
4321	2434	10.0			33.0	06-69		1	2	40	PRODUCEO (B)			
	2932	10.0				11-69		1	2	30				
						11-69								
1003	2025	12.3	18.5	807	36.0	01-55		4	5	222	SH SO, PROD (M)			
	2400	7.1	18.6	74	36.0			2	5	325				
1004	1630	10.0	20.6	53	37.0	01-67		2	5	90	GRAVEL BED, PROD (M)		*INCL ALL PAYS	
	1870	12.2	20.2			08-56		4	5	257				
	2050	15.8	19.2	338		08-56		4	1	80				
	2400		19.2			06-60		1	1	135				
	3050		20.6			08-56		1	1	140				
1032	2356	6.0	19.0	480	34.0	12-65		1	3	70	SH SO (F)		*INCL ALL PAYS +INJ SUSPENDED	
	2919	6.0	14.6	10			06-68	1	3	100	INTO MCCL, A.V.1-68; BETHEL 6-68			
	3040	5.0	15.8	53			01-68		2	50				
	3068	8.0	14.2	3003			01-68			60	PRODUCEO (B)			
1036	2400	8.5	19.2	209	38.0	10-65		1	2	40	SH SO (F)			
*1030	2370	20.0			39.0	11-63	12-66	1	4	40	PRODUCEO (B)		*SWO ONLY	
1026	2990	8.0				06-62		1	1	30	PRODUCEO (B)		*NO DATA 1969, OP SUSPENDED 1970	
*4353	2850	12.0	17.0	50	38.0	05-62	01-71	4	5	225	BIEHL, PROD. (B)		*ESTIMATED	
1031	2250	11.2	20.6	167	36.0	10-65		2	8	132	GRAV, PROD (M)			
ALBION EAST, EDWARDS														
1005	3050	25.0	15.0	25	41.0	03-68		4	5	90	PURCHASED (F)			
ALLENDALE, LAWRENCE, WABASH														
3969	1600	15.0	14.2	335	33.0	10-60		1	2	90	PRODUCEO (B)			
3902	1472	10.0	17.0		35.0	12-65		1	1	10	SH SO, PROD (M)			
3865	1948	30.0	18.7	77	36.4	02-65		1	1	20	SH SO, PROD (M)		*NO DATA 1966-69; INACTIVE 70-71	
3905	1465	15.0	17.7	390	35.7	06-55		21	18	307	GRAVEL BED (F)		*ESTIMATED	
	1495	13.0	14.9	100										
*3971	2020	15.0				01-58	04-63	2	2		GRAVEL BED (F)		*INCL WITH 3906	
*3990	2000	20.0	16.0	128	39.0	11-59	09-68	1	1	40	GRAVEL BED, PROD (M)			
*3900	1485	15.0	24.6	1066	32.5	11-54	09-68	5	3	35	SH SO, PROD (M)			
3869	1575	8.0	17.0	40	36.0	05-65		1	1	10	SH SO (F)		*ESTIMATED	
3899	1120	8.0	15.0	150	34.0	11-70		1	1	20	WELL (F)		*ESTIMATED	
3906	1375	15.0	17.0	150	36.0	01-58		5	5	120	SH SO, PROD (M)		*INCL 3971 +SINCE 1-1-65	
3996	1375	15.0	16.0	200	37.0	10-62		3	3	50	SH SO, PROD (M)		*SINCE 1-1-65	
*3944	1520	15.0			28.4	11-53	06-57	5	7	147	PRODUCEO (B)			
*3992	1450	9.0			37.0	07-59	10-66	1	2	60	SH SO, PROD (M)		*INCL WITH 3964	
3898	1920	18.0				07-62		1	1	20	SH SO, PROD (M)		*EST +INCL DROPPED PROJ 3899	
3966	1380	18.0	18.0			06-60		2	3	18	SH SO, PROD (M)		*ESTIMATED +INCL 3978	
	1440	15.0												
3978	1920	10.0				09-61		2	4	18	SH SO, PROD (M)		*INCL WITH 3966	
*3999	1553	11.0				07-62	10-64	1	1	20	SH SO, PROD (M)			
*3952	1520	20.0	18.0	450	33.0	11-54	01-60	1	3	40	SH WELL (F)			
3871	1520	20.0	15.0	200	35.0	06-54		3	9	100	SH SO (F)		*ESTIMATED	
3883	1996	10.0			37.0	05-64		1	3	40	SH SO, PROD (M)		*ESTIMATED	
	2110	10.0						1	3	40				
3901	1500	10.0	16.0	40	33.0	08-66		1	2	30	SH WELL (F)		*ESTIMATED	
3951	1500	20.0	17.8	450	35.0	03-58		4	3	80	SH SO, PROD (M)		*ESTIMATED	
2201	2010	12.0			37.0	01-67		6	8	130	PENN SO, PROD (B)		*ESTIMATED	
3909	1500	18.0	15.0	1400	34.0	09-53		3	3	40	TAR SPGS, PROD (B)		*INJ IN LINE WELLS +EST	
	1538	14.0												
3911	1450	20.0	18.0			10-66		3	6	153	SH SO (F)		*INJ TEMP DISCONTINUED	

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County	General Information				Production and injection statistics (M bbls)					
	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production	
					Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71
Project no. * = A8D. + = P. M.										
ALLENDALE, LAWRENCE, WABASH (CONTINUED)										
*3964 ROYALCO, INC.	ALLENDALE U	BETHEL	13-1N-12W		4764		313		1544	
*3993 ROYALCO, INC.	STILLWELL COURTER U	WALTERSBURG	21,22-1N-12W		1625		341		653	
CYPRESS										
*3920 C. E. SKILES	YELTON-KERZAN	BIEHL	5-1N-12W				53		73	
2231 WAYNE SMITH, OP.	SAND BARREN UNIT 1	BIEHL	26-2N-12W		119	3348	13.9	361	105	2988
JORDAN										
2232 WAYNE SMITH, OP.	SAND BARREN UNIT 2	BIEHL	23,26-2N-12W		133	565	18.6	119	9	226
*3903 WAYNE SMITH, OP.	TAYLOR-WHEATLEY	BIEHL	7,18-1N-12W			1124		217		909
JORDAN										
3908 WAYNE SMITH, OP.	SHAW-SMITH-NIGH	BIEHL	35-2N-12W		3	1586	0.7	120	3	1466
JORDAN										
3859 SO. TRIANGLE CO.	STOLTZ U	BIEHL	25-1N-12W		63	171	15.1	41	19	38
*3904 TAMARACK PET.	PATTON C	CYPRESS	28-1N-12W			644*		90*		147*
*3979 TAMARACK PET.	HERSEY-COGAN	BIEHL	35-2N-12W			9		4*		17*
3868 UNIVERSAL OPRTNG	LITHELAND-SMITH UNIT	BIEHL	5-1N-12W		73	929	4.6	109		130
*3973 UNIVERSAL OPRTNG	SOUTH ALLENDALE	BIEHL	15-1N-12W			845		38		247*
CYPRESS										
3860 ZANETIS OIL PROP	HAWF	CYPRESS	15-1N-12W		21	72	1.2	9	21	72
ASSUMPTION C, CHRISTIAN										
100 CONTINENTAL OIL	BENOIST	BENOIST	3,4,9,10,15,16, 21-13N-1E		98	7735	16.7	1395	90	3017
DEVONIAN										
101 CONTINENTAL OIL	DEVONIAN	LINGLE	3,9,10-13N-1E		1322	18006	51.4	1863	623	5782
102 CONTINENTAL OIL	ROSLICLARE	SPAR MTN	9,10-13N-1E		380	4031	10.0	1070	289	4099
104 FEAR AND OUNCAN	ASSUMPTION WFU	DEVONIAN	17,20-13N-1E		160*	755	16.5*	89	160*	317
105 J. W. RUOY DRG.	PEABODY-RIDGE	DEVONIAN	16-13N-1E		226	878	16.8	83	226	501
BARNHILL, WAYNE, WHITE										
*4103 ASHLAND O AND R	BARNHILL U	MCCLOSKEY	26,34,35-2S-8E			9137		1235		
4170 ASHLAND O AND R	BOZE UNIT	AUX VASES	27,28,34-2S-8E		94	845	8.3	113	135	662
4171 ASHLAND O AND R	CALOWELL UNIT	AUX VASES	34-2S-8E		145	1665	5.1	83	93	918
*4199 SAM TIPS	BOZE U	AUX VASES	28,33,34-2S-8E			319		38		
*4129 WAYNE DEV	WALTER	MCCLOSKEY	26-2S-8E			144		21*		119
*4104 WILLETS AND PAUL	BARNHILL UNIT	AUX VASES	27,28-2S-8E			4090		491		1880
*4105 WILLETS AND PAUL	BARNHILL UNIT	OHARA	27-2S-8E			53		7		2
BARTELSO, CLINTON										
402 EO KAPES	H.S. WOODARD, TRUSTEE	CYPRESS	5,8-1N-3W		180*	2081	6.0*	349	180*	2330
* 400 T. R. KERWIN	BELLE OIL	CYPRESS	4-1N-3W			978		135*		187
* 401 ROBBERN OIL CO.	ROBBERN OIL UNIT	CYPRESS	4-1N-3W			3100		639*		1621
BEAUCOUP, WASHINGTON										
4013 WARRIOR OIL CO.	BEAUCOUP UNIT	DEVONIAN	9,10-2S-2W		467	529	4.6	6	299	334
BEAUCOUP S, WASHINGTON										
4005 SHELL OIL CO.	BEAUCOUP S. UNIT	BENOIST	33,34-2S-2W		552	6365	17.3	344	515	5440
4008 GEORGE THOMPSON	GILBERT	BENOIST	34-2S-2W		4	109*	0.7	35*	4	109*
BEAVER CREEK, BONO, CLINTON										
415 NICK BABARE	HORO	BENOIST	5-3N-2W				2.6*	10		
* 1 T. M. CONREY, JR	WRONE C	BENOIST	36-4N-3W			106		23		
2 W. C. MCBRIDE	JACOBS	BENOIST	31-4N-2W		46	147	2.1	8	46	134
BEAVER CREEK S, BONO, CLINTON										
405 T. M. CONREY, JR	R-K-R-S	BENOIST	12,13,14-3N-3W		110*	1422	11.2*	217	45*	1531
BELLAIR, CRAWFORD, JASPER										
600 BELLAIR OIL	BELLAIR	BELLAIR 500	2,11,12-6N-14W		300	30658	9.0	856	300	6365
601 BELLAIR OIL	FULTON (BELLAIR)	BELLAIR 500	1,2,11,12-8N-14W		75*	60640	6.8*	1520	75*	32922
* 666 WAUSAU PET. CORP	GRANT	ROBINSON	13-8N-14W			1343		161		380
BEMAN, LAWRENCE										
*2248 E. L. WHITMER	OECATUR INVESTMENT	MCCLOSKEY	23,24-3N-11W			683		40		400
2287 ZANETIS OIL PROP	ALEXANDER	SPAR MTN	23-3N-11W		33	171	1.1	4	33	171
MCCLOSKEY										
BENTON, FRANKLIN										
1300 SHELL OIL CO.	BENTON U	TAR SPRINGS	23,24,25,26,35,36-6S- 2E; 18,30,31-6S-3E		6348	208418	73.7	19337	3258	155514
1314 SHELL OIL CO.	SHELL-BENTON DEEP	AUX VASES	25,36-6S-2E		616	6660	60.7	1502	464	3309
OHARA										
MCCLOSKEY										
BENTON N, FRANKLIN										
*1328 FARRAR OIL CO.	BENTON NORTH UNIT	BETHEL	25,35,36-5S-2E		122	3458	14.3	740	93	1855
AUX VASES										
OHARA										
MCCLOSKEY										
1332 H & W OIL CO	BENTON NORTH	PAINT CREEK	36-5S-2E		145	330	17.2	52	65	144
1326 SHAKESPEARE OIL	NORTH BENTON UNIT	PAINT CREEK	1-6S-2E		534	2181	45.5	368	241	670
OHARA										
SPAR MTN										
BERRYVILLE C, EDWARDS, WABASH										
*3942 PHILLIPS PET. CO	TARPLEY C	MCCLOSKEY	2-1N-14W			35				103
*3943 PHILLIPS PET. CO	TOWNSEND	MCCLOSKEY	35-2N-14W			50				86
1024 RK PET. CORP.	W SALEM WFU	SPAR MTN	9-1N-14W		168	284	97.4	173	31	32
BLACKLAND, CHRISTIAN, MACON										
*2300 FEAR AND OUNCAN	DAMERY C	SILURIAN	5-15N-1E			6				4
BONE GAP C, EDWARDS										
*1013 V. R. GALLAGHER	BONE GAP UNIT	WALTERSBURG	18-1S-14W		113	2128	8.6	533	113	2128
1034 BERNARD PODOLSKY	BONE GAP SOUTH U	CYPRESS	19-1S-14W		84*	4021	1.8*	12	40*	65

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71					Injection water		Remarks
	Depth (ft)	Net pay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (*API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source	Type	
								Inj.	Prod.		SD = Sand GRAV = Gravel PROD = Produced SH = Shallow	(F) = Fresh (B) = Brine (M) = Mixed	
ALLENOALE, LAWRENCE, WABASH (CONTINUED)													
*3964	2120	20.0	20.1	115	36.5	07-59	12-69	10	14	180	PRODUCED (B)		
*3993	1500	11.0	18.6	45	33.4	01-62	11-68	1	1	30	RIVER, PROD (M)		
	2000	10.0			36.9			5	10	180			
*3920	1600	15.0	18.0		35.5	06-66	12-70		2	20			
2231	1300	18.0			34.0	09-57		10	7	75	SURFACE, PROD (M)		
	1340	8.0											
2232	1280	20.0			33.0	06-58		3	10	65	SURFACE, PROD (M)		
*3903	1400	15.0				06-57	12-66	4	6	50	RIVER GRAV, PROD (M)		
	1440	8.0								50			
3908	1380	15.0			34.0	09-57		2	6	45	SURFACE, PROD (M)		
	1420	8.0											
3859	1450	10.0	17.0	150	32.5	01-69		2	2	60	SH GRAVEL (F)		
*3904	1800	16.0			34.8	01-54	12-60	4	7	130	RIVER GRAV, PROD (M)		*ESTIMATED
*3979	1388	12.0				10-61	03-63	1	1	10	SH SO, PROD (M)		*INCL 3898, 11962, 1963
3868	1500	15.0			37.0	04-65		2	3	60	PENN SO, PROD (B)		
*3973	1480	13.0	15.0	160	32.9	03-61	09-67	6	3	60	SH SO, PROD (M)		*INCL PRIM PROD SINCE 1961
													*EST FOR 1964-66
3860	2039	7.0			36.2	06-68		2	2	30	PRODUCED (B)		
ASSUMPTION C, CHRISTIAN													
100	1050	13.0	19.0	100	38.0	07-50		3	10	350			*PROD WATER REINJ OTHER PAYS
101	2300	13.0	12.0	50	40.0	05-55		21	22	600	PRODUCED (B)		
102	1150	12.0	22.0	561	39.3	06-55		6	4	208	PRODUCED (B)		
104	2329	20.0			40.0	06-66		2	7	180	PRODUCED (B)		*ESTIMATED
105						11-67		6	8	280	PRODUCED (B)		
BARNHILL, WAYNE, WHITE													
*4103	3350	9.0			39.0	01-51	03-63	10	22	260	CYPRESS (B)		
4170	3300	14.0			38.2	10-63		4	4	120	PENN SO (B)		
4171	3560	15.0			36.9	10-63		5	5	140	PENN SO (B)		
*4199	3328	25.0				11-63	12-70	2	4	70	PENN SO, PROD (B)		
*4129	3450	18.0				12-50	01-55	1	2	40	CYPRESS (B)		*INCL PRIM PROD
*4104	3250	14.0	18.7	42	38.0	10-56	12-66	12	10	230	PENN SO, PROD (B)		
*4105	3323	8.0	20.1	108	39.0	10-56	12-59	2	6	40	PENN SO, PROD (B)		
BARTELSD, CLINTON													
402	970	18.0	21.0	210	38.0	01-54		5	3	80	PRODUCED (B)		*ESTIMATED
* 400	970	15.0	22.2	165	37.0	04-52	01-63*	5	5	40	TAR SPRINGS (B)		*ESTIMATED
* 401	980	12.0	20.0	110	36.9	11-53	01-63*	12	19	200	BETHEL, PROD (B)		*ESTIMATED
BEAUCOUP, WASHINGTON													
4013	3046	5.2	12.0	115	38.0	10-70		4	8	280	PENN SO (M)		
BEAUCOUP S, WASHINGTON													
4005	1440	6.0	19.0	240	36.0	11-60		10	7	307	PENN SO, PROD (B)		
4009	1445	6.0	17.5	111	36.0	01-55		1	1	27	PRODUCED (B)		*SINCE 1-55 +INCL PRIM PROD
BEAVER CREEK, BONO, CLINTON													
415	1180	12.0			33.0	08-69		1	4	40	CYPRESS, PENN (B)		*ESTIMATED
* 1	1140	8.0	20.7	208	37.4	07-53	12-61	1	4	40	PROD (B)		
2	1100	10.0	20.0	110		06-68		1	1	20	PRODUCED (B)		
BEAVER CREEK S, BONO, CLINTON													
405	1110	8.0			34.0	01-55		3	11	140	PRODUCED (B)		*ESTIMATED
BELLAIR, CRAWFORD, JASPER													
600	500	3.0	17.1	148	31.0	07-48		56	50	204	SH SO, PROD (M)		*ESTIMATED +SINCE 1-64
601	560	21.0	19.0	149	32.0	07-48		35	69	443	GRAV, PROD (M)		*ESTIMATED 1968, 1969
* 666	950	16.0	17.2	125	39.0	02-53	02-61	15	11	70	PENN SO, PROD (M)		
BEMAN, LAWRENCE													
*2248	1850	10.0				09-63	10-67	7	4				
2287	1850	5.0				10-68		1	1	40	PRODUCED (B)		
	1884	16.0						1	1	40			
BENTON, FRANKLIN													
1300	2100	35.0	19.0	165	37.5	11-49		88	60	2200	LAKE, PROD (M)		
1314	2760	17.0	19.2		39.0	05-52		14	7	550	CYPRESS, PROD (M)		
	2910	7.0						5	7	320			
	2890	12.0						3	6	320			
BENTON N, FRANKLIN													
*1328	2550	8.0				02-66	04-71	6	9	140	OEGONIA, PROD (B)		
	2660	12.0						6	9	140			
	2730	5.0						4	4	90			
	2800	8.0						3	4	140			
1332	2550	12.0			39.6	05-69		2	2	100	PRODUCED (B)		
1326	2590	5.2	15.0	22	36.0	12-66		5	13	180	PENN SO (B)		
	2755	6.0	12.0					1	3	80			
	2800	6.0						1	1	40			
BERRYVILLE C, EDWARDS, WABASH													
*3942	2890	10.0				07-52	01-53	1	2	14	TAR SPGS, PROD (B)		
*3943	2890	10.0				02-52	06-53	1	2	27	TAR SPGS, PROD (B)		
1024	2990	10.0				01-70		2	3	200	SUPPLY WELL (M)		
BLACKLAND, CHRISTIAN, MACON													
*2300	1920	10.0			37.0	10-63	12-63	1	2	90	AUX VASES (B)		
BONE GAP C, EDWARDS													
*1013	2310	20.0	18.0	120	34.6	06-52		1	10	120	PRODUCED (B)		
1034	2320	10.0	17.3			02-66		1	2	100	PRODUCED (B)		*ESTIMATED



Field, County	General Information				Production and injection statistics (M bbls)					
	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production	
					Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71
* = ABD. + = P. M.										
BOULDER, CLINTON * 411 TEXACO, INC.		BOULDER BENOIST SD U	BENOIST	2-2N-2W, 35, 36-3N-2W		9234		681		4368
BOURBON C, DOUGLAS 800 T. J. LOGUE		BOURBON POOL WF	SPAR MTN	2, 11, 12-15N-7E		6000*		500*		
BOYO, JEFFERSON 2000 N. A. BALDRIDGE		BOYO FIELD UNIT	AUX VASES	18, 19, 20, 29, 30-1S-2E, 13, 24, 25-1S-1E	500**	17558				
2001 N. A. BALDRIDGE		BOYO FIELD UNIT	BENOIST	18, 19, 25, 30-1S-2E, 13, 24, 25-1S-1E	330+	56669	15.0**	4251*	275**	44879*
BROWN, MARION 2615 ELMER BIERMAN		LEONARD-LANCASTER	CYPRESS	16-1N-1E	15	342	1.2	28	15	295
BROWNS, EDWARDS, WABASH 1020 ROYALCO, INC.		SCHONAMAN WF	OHARA	3, 10-2S-14W	72	276	18.1	95	7	16
1021 SUPERIOR OIL CO.		BROWNS U CYPRESS	CYPRESS	28, 33-1S-14W	3	2027	5.6*	409*	7*	710*
1022 SUPERIOR OIL CO.		BROWNS U BETHEL	BETHEL	28, 33-1S-14W	3	1134				
1023 SUPERIOR OIL CO.		BROWNS U WEILER	CYPRESS	28, 33-1S-14W	3	499				
3894 TARTAN OIL CO.		BROWNS U	TAR SPRINGS CYPRESS	33-1S-14W	180	412	10.8	27	65	106
BROWNS E, WABASH *3912 T. W. GEORGE		BELLMONT WF ASSOC	CYPRESS	1, 2, 11, 12-2S-14W		3009		905*		1122
3914 T. W. GEORGE		SOUTH BELLMONT	CYPRESS	11, 14-2S-14W	34	178	2.4	15	3	18*
3950 T. W. GEORGE		MOPRIS-BELLMONT	CYPRESS	11-2S-14W	113	443	16.6	93	40	108
*3913 MORIL OIL CORP.		BELLMONT	CYPRESS	2, 11-2S-14W		822*		582		258
BUNGAY C, HAMILTON *1554 BEN BLADES		HAYES	AUX VASES	15-4S-7E		488		41		180
1550 COLLINS BRDS.		SOUTH BUNGAY UNIT	RENAULT	14, 35-4S-7E	385	2897	30.6	228	285	1610
1558 COLLINS BRDS.		NORTH BUNGAY	RENAULT	13, 14, 23, 24-4S-7E	737	3826	44.3	426	577	2157
1527 FEAR AND DUNCAN		O'DELL	RENAULT	16-4S-7E	55*	220	13.5*	81	55*	182
1555 HUMBLE O AND R		BUNGAY A V UNIT	AUX VASES	14-4S-7E	290	769	19.6	329	74	207
1522 MARATHON OIL CO.		BUNGAY 1-A	AUX VASES	26, 27, 34, 35-4S-7E	592	10729	9.9	853	509	8268
1519 MID-STATES OIL PROP		BUNGAY U WF	AUX VASES	21-4S-7E	96*	610	10.0*	64	35*	128
*1500 TEXACO, INC.		BLAIRSVILLE U	AUX VASES	16, 17, 20, 21-4S-7E		7692		699		2457
*1530 TEXACO, INC.		J.A. LYNCH	AUX VASES	16-4S-7E		1921		75		707
CALHOUN C, RICHLAND, WAYNE *3400 ASHLAND O AND R		CALHOUN	MCCLOSKEY	7, 18-2N-10E, 13-2N-9E		3032		157		
*3401 SAM TIPPS		BOHLANDER UNIT	MCCLOSKEY	6, 7-2N-10E		2175*		235*		1681*
CALHOUN E, RICHLAND 3423 ALVA C. DAVIS		SLUNAKER	MCCLOSKEY	7-2S-11E		93		1		4
CALHOUN S, EDWARDS, RICHLAND, WAYNE 4086 ZANETIS OIL PROP		RUTGER	MCCLOSKEY	1, 2-1N-9E	24*	117	4.3*	100	24*	117
CARLYLE N, CLINTON 407 T. M. CONKEY, JR		KREITEMEYER	BENOIST	23-3N-3W	50*	678	7.3*	62	50*	98
CARM, WHITE 4402 ROYAL O AND G		NIEKAMP	MCCLOSKEY	26-5S-9E	20	158	5.0	55	15	72
CASEY, CLARK * 217 CALVAN AMERICAN		SHAWVER	CASEY	23, 24-10N-14W		49				
* 201 FOREST OIL CO.		CASEY	CASEY	14, 15, 23-10N-14W		8030		462		
* 202 D. W. FRANCHOT		N. CASEY	CASEY	33, 34-11N-14W 4, 5-10N-14W		3032		38		
CENTERVILLE, WHITE 4409 ABSHER OIL CO		BROWN UNIT	OHARA	2-4S-9E	20*	332	1.1*	7	18*	70
CENTERVILLE E, WHITE 4379 ABSHER OIL CO		EAST CENTERVILLE UNIT	TAR SPRINGS HARDINSBURG CYPRESS BETHEL AUX VASES MCCLOSKEY	7, 8, 17-4S-10E	1000+	20250	45.0**	1063*	1000**	13435*
4394 ABSHER OIL CO		JONES-BAIRD	CYPRESS	7-4S-10E		894	3.1*	118*		769
4375 NICK BABARE		JONES ESTATE	TAR SPRINGS	7-4S-10E	12*	1001	2.6*	160	12*	129
*4267 D. B. LESH		CENTERVILLE E	SPAR MTN	12-4S-9E				4*		4
4203 MARION CORP		E. CENTERVILLE UNIT	TAR SPRINGS CYPRESS BETHEL AUX VASES	18-4S-10E	408	8807	20.2	959	378	6677
*4246 SUN OIL CO.		E. CENTERVILLE	TAR SPRINGS	7-4S-10E		260		30		132
CENTRAL CITY, MARION 2623 WILLIAM PFEFFER		PFEFFER U	PETRO	8-1N-1E	49	139	1.8	14	36	74
CENTRALIA, CLINTON, MARION 419 KARCHMER PIPE		KARCHMER-TRENTON	TRENTON	1, 2-1N-1W, 26, 27, 34, 35 36-2N-1W	498	2544	65.0	231	297	703
403 W. O. MORGAN		CENTRALIA FIELD	BENOIST	35-2N-1W	48	820	3.0	95	48	820
420 HUBERT ROSE		RUEHLEP COMM	DEVONIAN	1-1N-1W	2000*	8220	22.2*	108	2000*	8229
412 FRED SEIP		RUEHMEYER, RUEHLER, COE	CYPRESS	13-1N-1W	120*	967	5.3*	61	108*	1125
404 SHELL OIL CO.		CENTRALIA U	CYPRESS	1, 2, 12-1N-1W, 35, 36-2N-1W	6923	96453	126.0	10789	4898	89114
* 408 SOHIO PETROLEUM		COPPLE TRENTON	TRENTON	35-2N-1W		236		34		21
416 SOHIO PETROLEUM		HEFTER HRS	BENOIST	13-1N-1W	83	107	14.6	27	203	351



TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71					Injection water			Remarks
	Depth (ft)	Net pay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (*API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow	Type (F) = Fresh (8) = Brine (M) = Mixed		
								Inj.	Prod.					
BOULDER, CLINTON * 411	1200	25.0	17.9	104	34.6	09-60	10-64	25	17	470	PROD (8)			
BOURBON C, DOUGLAS 800	1600	12.0			34.0	09-59		18*	30*	800	*PRODUCED (8)		*NO DATA 1966-71	
BOYD, JEFFERSON 2000	2130	11.9	21.4	24	36.8	03-55		5	10	569	PRODUCED (8)		*INCL WITH 2001 TEST	
2001	2065	17.3	17.5	173	39.5	06-55		2	8	1564	SH SO, PROD (M)		*INCL 2000 TEST	
BROWN, MARION 2615	1650	10.0			33.0	07-60		1	3	40	PRODUCED (8)			
BROWNS, EDWARDS, WABASH 1020	3022	8.0			35.4	11-66		1	8	380	SH SO (F)			
1021	2640	8.2	16.8	106	36.8	11-59		1	1	198	PRODUCED (8)		*INCL 1022, 1023	
1022	2780	6.3	17.5	5	36.8	11-59		2	1	176	PRODUCED (8)		*INCL WITH 1021	
1023	2720	7.0	17.4	5	36.8	02-60		2	2	169	PRODUCED (8)		*INCL WITH 1021	
3894	2300	10.0	16.0			11-62		2	2	60	PRODUCED (8)		*ESTIMATED	
	2600	15.0	17.0					11	7	180				
BROWNS E, WABASH *3912	2570	13.0				01-51	01-57	18	18	290	SH SO, PROD (M)		*INCL PRIM PROD	
3914	2560	8.0			37.0	04-56		1	2	75	PENN SO, PROD (8)		*SINCE 1967	
3950	2580	7.0	16.0		35.0	08-67		4	7	139	GRAV BEQ (F)			
*3913	2570	11.0			35.0	11-47	07-63	6	8	169	TAR SPGS, PROD (8)		*NO INJ SINCE 12-59	
BUNGAY C, HAMILTON *1554	3275	13.5	21.8	104	36.0	09-65	12-70	1	3	22	SH SO, PROD (M)		SWO ONLY	
1550	3280	6.0	12.0	244	38.5	08-64		7	7	300	PENN SO, PROD (8)			
1558	3280	8.0	18.9	325	39.0	09-65		4	5	100	PENN SO (8)			
	3300	10.0	20.0	100				6	5	120				
1527	3254	12.0	14.0	350	38.0	01-67		1	4	60	PRODUCED (8)		*ESTIMATED	
1555	3275	12.0	20.6	312	36.6	05-69		4	8	220	PRODUCED (8)			
1522	3300	17.0	22.0	182	41.0	05-61		8	5	390	CYPRESS, PROD (8)			
1519	3331	15.0	20.0	80	39.1	09-66		2	2	60	SH SO, PROD (M)			
*1500	3330	15.5	19.6	92	37.0	06-48	07-64	10	12	640	PENN, PROD (8)			
*1530	3300	25.0	17.8	107	37.0	09-61	10-68	2	7	60	PENN SO, PROD (8)			
CALHOUN C, RICHLAND, WAYNE *3400	3150	6.0			37.0	09-51	08-64	3	8	140	CYPRESS (8)			
*3401	3130	10.0	11.2	67	39.0	06-50	12-66	3	10	220	PRODUCED (8)		*NO DATA 1959-1966	
CALHOUN E, RICHLAND 3423	3268	10.0			37.2	08-65		2	2	80	TAR SPR, PROD (8)		*INACTIVE 1966-71	
CALHOUN S, EDWARDS, RICHLAND, WAYNE 4086	3250	23.0			39.0	08-66		2	7	20	PRODUCED (8)		*ESTIMATED	
CARLYLE N, CLINTON 407	1142	7.0			34.0	06-55		1	7	80	PRODUCED (8)		*ESTIMATED	
CARMI, WHITE 4402	3143	8.0			30.0	09-65		1	2	60	PENN SO, PROD (8)			
CASEY, CLARK * 217	450	21.5	22.4	108	31.8	08-53	08-54	9	4	40	SH SO (F)			
* 201	450	10.0			31.9	03-50	03-61	76	66	280	GRAV BEQ AND PROD (M)			
* 202		20.0	21.5	400	26.0	12-53	12-68	15	12	40	SH SO, PROD (M)			
CENTERVILLE, WHITE 4409	3360	13.0			37.0	12-65		1	1	20	PENN SO (8)		*ESTIMATED	
CENTERVILLE E, WHITE 4379	2460	37.0	15.7		36.6	01-63		22	17	420	SH SO, PROD (M)		*INCL ALL PAYS *EST	
	2632	10.0						1		10				
	2850	35.0	14.4					16	16	340				
	2980	18.0	14.1					15	16	330				
	3080	19.6	19.6	109				18	15	350				
	3225	6.0						1	2	60				
4394	2910	15.0	14.4	109	36.6	10-63		2	2	100	PRODUCED (8)		*N A *ESTIMATED	
4376	2500	16.0	15.7	21	35.4	09-63		2	2	40	PURCHASED (8)		*ESTIMATED	
*4267	3366	7.0			43.0	06-54	12-55	1	1	20	TAR SPRINGS (8)		*INCL PRIMARY SINCE 6-54	
4203	2470	17.0	16.0	97		03-56		5	8	130	PALESTINE, PROD (8)			
	2850	17.0	15.0	12				8	9	190				
	2960	17.0	14.0	8				4	4	80				
	3060	20.0	20.0	45				4	7	110				
*4246	2530	6.0			36.6	10-50	09-57	1	5	80	PRODUCED (8)			
CENTRAL CITY, MARION 2623	864	22.0			34.0	10-64		1	5	60	PRODUCED (8)			
CENTRALIA, CLINTON, MARION 419	3950	99.9			40.0	11-66		21	32	1080	AUX VASES (8)			
403	1368	10.0			38.0	10-55		3	4	40	CYPRESS, PROD (8)			
420	2880	29.0			38.8	06-66		2	4	269	PRODUCED (8)		*ESTIMATED	
412	1200	10.0		80	34.0	11-60		3	6	45	PRODUCED (8)		*ESTIMATED	
404	1200	20.4	20.2	225	34.8	05-56		82	82	1450	PENN, A V, DEV SOURCE;			
	1350	19.6	19.6	186				75	88	1560	CYP, BEN, PROD (8)			
* 408	3950	22.0	10.0		39.8	11-51	03-53	2	12	160	DEVONIAN (8)			
416	1360	10.0			35.0	09-70		1	6	100	PRODUCED (8)			

Field, County	General Information				Production and injection statistics (M bbls)						
Project no. + = A8D, + = P. M.	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production		
					Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	
CHESTERVILLE E, OUGLAS											
801	T. W. GEORGE	ARCOLA UNIT	SPAK MTN	5,6-14N-8E, 31-15N-8E	420*	6201	13.3*	1119	250*	1897	
CLAY CITY C, CLAY, JASPER, RICHLAND, WAY											
*1900	ASHLAND O AND R	BOOS EAST	MCCLOSKEY	2,3,10-6N-10E		333		16			
*3402	ASHLAND O AND R	NOBLE NORTH	MCCLOSKEY	35-4N-9E		318		8			
1915	BANGERT CASING	OELLA HARVEY	SPAR MTN	12-5N-9E	35*	706	3.6*	75	35*	152	
4173	BANGERT CASING	BOTHWELL	MCCLOSKEY	24-2N-7E	100+	164	15.0**	49	100*	155	
3419	WM. BECKER	WAKEFIELD-HARRELL U	CYPRESS	26-4N-9E	120	2138	9.2	384	60	1675	
1906	BELLAIR OIL	WILLOW HILL C	MCCLOSKEY	6-6N-11E		6*		13		135	
362	C. F. BOOTH	STANFORD	AUX VASES	4-2N-7E	25*	150	3.2*	33*	18*	45	
3403	H. L. BROCKMAN	EAST NOBLE UNIT	SPAR MTN	10-11-3N-9E		3464		251		1736	
1925	CARMAX INC	NEWTON EAST	MCCLOSKEY	34-7N-10E; 3-6N-10E	289	355	23.3	36	73	97	
			ST LOUIS								
*4107	CONTINENTAL OIL	WILSON *R*	SPAR MTN	15-1S-8E		212		13		53	
4073	COY OIL CO	EAST GEFF	AUX VASES	8,17-1S-8E	199	581	5.5	32	5	18	
4147	CULLUM OIL CO.	ROBERTSON-BING-CREWS	AUX VASES	27,28-1S-8E	184	2206	20.0	147	138	844	
4106	ALVA C. DAVIS	SW VANFOSSAN U	AUX VASES	25,26,27-1N-8E	606	2867	50.5	221	257	1138	
			OHARA								
			MCCLOSKEY								
*1913	DOORAN OIL PROP.	BERGROWER	MCCLOSKEY	4-6N-10E		141		17			
4082	OUNCAN LSE+ROY	CREWS-SHORT COOP	AUX VASES	33-1S-8E	88	507	18.5	105			
4092	OUNCAN LSE+ROY	CREWS MOOLE UNIT	AUX VASES	33-1S-8E	269	1657	21.6	100			
4098	OUNCAN LSE+ROY	JONES	AUX VASES	9-1S-7E	33	282	5.0	49			
*4109	F AND W OIL CO.	MILLER-LAMBRICH U	OHARA	29-1N-8E				144			
			SPAR MTN								
			MCCLOSKEY								
4146	F AND W OIL CO.	MT. ERIE UNIT	AUX VASES	33,34,35-1N-8E	556	7481	51.3	974	525	3189	
4174	FARRAR OIL CO.	MOLT	AUX VASES	29-1N-8E	99*	377	21.1	64	38	68	
			MCCLOSKEY								
* 317	GULF OIL CO	S. STANFORD U	AUX VASES	2,9,16,17-2N-7E		2805		370		810	
*4130	GULF OIL CO	WINONA	MCCLOSKEY	12-1S-8E		25				300	
*4094	ILL. LSE. OP.	BLACKBURN	AUX VASES	3-1S-8E		47		6		10	
*4141	ILL. LSE. OP.	MILL, THOMPSON, GRISN.	AUX VASES	27-2N-7E		610		36		235	
*4156	ILL. LSE. OP.	BEARD, BORAH, WILSON U	AUX VASES	10-1S-8E		666	3.4	363	29	140	
4175	ILL. LSE. OP.	NE GEFF UNIT	AUX VASES	7-1S-8E		258		46		94	
*4197	ILL. LSE. OP.	BURAH	AUX VASES	4-1S-8E		15	2.4	59	25	83	
*4198	ILL. LSE. OP.	J. O. VUROLAS	OHARA	26-1S-7E		205*		41*		230*	
4184	ILL. MID-CONT.	CREWS-SHORT COOP	AUX VASES	33,34-1S-8E	25*	163*	2.0*	30*			
4179	JENKINS BROS	NORTH FIRST STREET	AUX VASES	19-1S-8E		337		6*		181	
3405	KEOUGHAN BROTHERS	S. NOBLE CONSLO	MCCLOSKEY	30,31-3N-9E, 25,30-3N-8E	11	3922	3.0	157	11	1552	
*4119	KIRBY PETROLEUM	KIRBY	AUX VASES	16,17-1N-7E		2464		360		391	
4140	DAE V LOVE	BARNARD-HOLMAN-LISTON	AUX VASES	10-1S-7E	50*	409*	5.4*	62*	40*	317*	
*3416	MARATHON OIL CO.	NOBLE COOP U	MCCLOSKEY	9-3N-9E							
3421	MURVIN OIL CO.	WAKEFIELD POOL U	CYPRESS	24-4N-9E	336*	2726*	20.0*	441*			
300	O H AND F OIL CO	N CLAY CITY U	MCCLOSKEY	5,8-3N-8E	28	189	2.2	144	28	706	
372	PARTLOW, COCHNOR	HENDERSON & SKELTON	CYPRESS	17-2N-8E	50*	125	26.3*	88	150*	350	
			AUX VASES								
			SPAK MTN								
4069	PARTLOW, COCHNOR	HOSSELTON & GILL	CYPRESS	20-2N-8E	75*	200	20.3*	72	75*	200	
			SPAR MTN								
* 301	PHILLIPS PET. CO	MINNIE	SPAR MTN	24-3N-7E		121		79		460	
3427	BERNARD PODOLSKY	COEN U	AUX VASES	36-5N-9E	27*	192	4.2*	28			
4087	BERNARD PODOLSKY	W JEFFERSONVILLE	AUX VASES	15,16-1S-7E	72*	409	1.2*	10	25*	79	
4149	BERNARD PODOLSKY	MARSHALL	AUX VASES	16-1S-8E	169*	593	13.3*	36	72*	165	
4159	BERNARD PODOLSKY	NW FAIRFIELD U	OHARA	2,3,35-1S-7E	100*	2169	3.8*	154	20*	375	
4194	BERNARD PODOLSKY	GRAY	AUX VASES	16,21-1S-8E	298*	1511	18.5*	92	130*	350	
*1901	ROBINSON PROO.	NE MCCLOSKEY U NO 1	MCCLOSKEY	13,14,24-7N-10E		1367		282		328	
*1902	ROBINSON PROO.	WILLOW HILL, SE BAR	MCCLOSKEY	23,26-7N-10E		3326		639		1113	
4067	ROBINSON PROO.	NE GEFF-MURPHY	AUX VASES	5,6-1S-8E			6.7	7	5	5	
			OHARA								
4068	ROBINSON PROO.	CARTER U	AUX VASES	28,29,32,33-1N-8E	10	10	0.3				
4084	ROBINSON PROO.	WESLEY FELLER	AUX VASES	7-1N-8E	40	385	2.2	81	40	385	
*4115	ROBINSON, PUCK.	N PUCKETT U	AUX VASES	9-2S-8E		966		122			
*4116	ROBINSON, PUCK.	S PUCKETT U 1	AUX VASES	16-2S-8E		4337		458		1798	
1918	HUBERT ROSE	LIBERTY W UNIT	MCCLOSKEY	16-5N-10E	36*	319	3.6*	24	8*	24	
3433	HUBERT ROSE	OUNOAS WEST UNIT	MCCLOSKEY	28,33-5N-10E	108*	1274	5.4*	54	15*	68	
3436	HUBERT ROSE	SOUTH NOBLE UNIT	MCCLOSKEY	29-3N-9E	200*	1237	21.7*	104	154*	436	
4111	ROYALCO, INC.	M.OSTERMAN	AUX VASES	14,23-1S-8E	102	315	2.2	86	28	33	
			OHARA								
			MCCLOSKEY								
347	J. W. RUOY ORLG.	EO WILSON	AUX VASES	32-3N-8E	18	235	14.4	44	18	41	
363	J. W. RUOY ORLG.	CLARK LEASE	CYPRESS	20-3N-8E	7	52	0.9	6	4	25	
3414	J. W. RUOY ORLG.	STIFF	MCCLOSKEY	34-5N-10E	7	159	0.7	33	7	54	
4088	J. W. RUOY ORLG.	FLEXTER	AUX VASES	3-1N-7E	22	389	3.4	130	22	216	
326	FRED SEIP	R. S. SHATTO	MCCLOSKEY	20-3N-9E	90 +	755	6.7 +	113*	90 +	795	
*4117	SHAKESPEARE OIL	E. BANKER SCHOOL U	CYPRESS	22-2N-8E		801		219		587	
4118	SHAKESPEARE OIL	E. GEFF UNIT	AUX VASES	12,13-1S-7E, 7,18-1S-8E	34	9553	2.7	966	34	3900	
4196	JOE SIMPKINS OIL	MEISNER UNIT	AUX VASES	3-2S-8E, 33,34-1S-8E	37	2314	2.1*	237	37*	1003	
3428	WAYNE SMITH, OP.	ONION HILL U	AUX VASES	1,12-4N-9E, 36-5N-9E	107	5929	1.2	157	13	3127	
			SPAR MTN		23	23	2.1	2			
4190	S. ILL. CIL PROO	SOUTH CISNE U	AUX VASES	27-1N-7E	60*	398	5.6*	66	60*	201	
*1907	M. M. SPICKLER	WILLOW HILL	MCCLOSKEY	36-7N-10E				2			
4079	TAMARACK PET.	BLACK OAK SCHOJL U	AUX VASES	22,23,26,27-1S-8E	849	2238	32.1	126	142	424	
4081	TAMARACK PET.	CLAY UNIT	AUX VASES	9,10,15,16-1S-8E	201	1019	16.4	54	63	136	
4095	TAMARACK PET.	EAST CLAY	AUX VASES	10-1S-8E	141	264	8.6	16	24	36	
*4108	TAMARACK PET.	PIERCE	SPAR MTN	22-2N-8E		1013*		86		922	
4157	TAMARACK PET.	S.W. MT. ERIE U	AUX VASES	4-1S-8E	162	765	9.7	58	20	174	
*4165	TAMARACK PET.	W GEFF U	MCCLOSKEY	28,33-1N-7E, 4-1S-7E		2900					
*4166	TAMARACK PET.	W GEFF U	AUX VASES	28,33-1N-7E, 4-1S-7E		1436		137*		883*	
*4178	TAMARACK PET.	W GEFF U	OHARA	28,33-1N-7E, 4-1S-7E		467					
4191	TAMARACK PET.	CISNE UNIT	AUX VASES	3,9,10-1S-7E	469	1955	59.3	330	122	315	
4193	TAMARACK PET.	WILSON U	AUX VASES	23,26-2N-8E	204	1875	41.7	288	140	673	
*4132	TEXACO, INC.	E. GALLIGHER	MCCLOSKEY	2-2S-7E		32					
*4144	SAM TIPPES	W GEFF U	AUX VASES	16,17,21-1S-7E		1690		105		1137	
302	UNION OIL CALIF.	BANKER SCHOOL CONSLO	CYPRESS	15,21,22,28-2N-8E	242	1443	15.7	785	68	864	

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71				Injection water		Remarks	
	Depth (ft)	Net pay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (*API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source		Type
								Inj.	Prod.		SD = Sand GRAV = Gravel PROD = Produced SH = Shallow		(F) = Fresh (B) = Brine (M) = Mixed
CHESTERTONVILLE E, DOUGLAS													
801	1725	10.0	15.0	157	38.0	09-61		11	4	360	RIVEP, PROD (M)	*ESTIMATED	
CLAY CITY C, CLAY, JASPER, PICHLAND, WAY													
*1900	2645	9.0			40.0	09-53	04-60	3	3	40	GRAV, PROD (M)		
*3402	3000	5.0			38.0	07-54	04-61	1	1	20	CYPRESS (B)		
1915	2960	10.0	13.6		35.1	03-62		2	3	50	PENN SO, PROD (B)	*ESTIMATED	
4173	2990	5.0			37.0	07-63		1	2	20	PRODUCED (B)	*ESTIMATED *AFFECTED BY ADJ WE	
3419	2540	28.0	18.0	140		07-50		5	5	100	PENN SO, PROD (B)	*ESTIMATED	
1906	2634	9.0	15.0	24		06-57		1	1	70	PRODUCED (B)	*NO DATA 1968-71	
362	2970	10.0			36.0	12-66		1	1	20	PENN SO, PROD (B)	*ESTIMATED 1968-71	
3403	2950	11.0			38.0	05-55		2	3	225	PRODUCED (B)	*NO INJ 1970-71	
1925	2650	15.0				08-70		4	12	280	CYP, SURFACE (M)		
	2950	18.0						3	12	280			
*4107	3160	10.0				04-55	04-63	1	2	40	CYPRESS, PROD (B)		
4073	3075	10.0	19.0	30	40.0	01-69		3	3	100	SH SAND (F)		
4147	3130	12.0			39.0	01-61		4	10	250	PENN SO, PROD (B)		
4105	2975	20.0				01-67		15	19	460	WELL, PROD (M)		
	3030	6.0						4	4	160			
	3075	6.0						3	3	120			
*1913	2850	16.0				10-60	12-64	1	10	240	CYPRESS (B)		
4082	3100	21.0				04-67		2	4	70			
4092	3110	28.0				03-65		5	5	260	PENN SO, PROD (B)		
4098	3128	20.0				12-62		2	4	50	PENN SO, PROD (B)		
*4109	3060	15.0				08-50	01-63	4	4	150	CYPRESS (B)	*OUMP FLOOD, NO RECORD	
	3030	15.0						4	4	150			
	3100	15.0						4	4	150			
4146	3000	11.0	13.0	16	40.2	10-60		16	20	720	SH SO, PROD (M)		
4174	3010	20.0				08-54		1	3	40	PRODUCED	*ABD 1965-1968	
* 317	2975	11.8	19.8	97	38.8	05-54	12-60	9	8	125	PENN SO, PROD (B)		
*4130	3115	8.0	12.0		40.1	03-55	10-56	1	1	12	TAP SPRINGS (B)		
*4094	3031	26.0				04-66	04-69	1	1	20	PENN SO (B)		
*4141	3130	12.0			32.6	03-60	10-65	3	7	160	PRODUCED (B)		
*4156	3100	14.0			40.0	07-62	12-70	2	4	200	PENN SO (B)		
4175	3031	15.0	20.0	27	38.5	02-64		2	2	50	PENN SO, PROD (B)	*TEMP ABD 9-1-70	
*4197	3040	22.0				01-66	12-70	1	1	20	PRODUCED (B)	*INJ SUSPENDED 8-66	
*4198	3215	20.0			38.0	10-62	08-68	1	3	40	PENN SO (B)	*NO DATA BEFORE 1965	
4184	3150	15.0	14.0	40		12-65		3	3	60	PENN SO (B)	*ESTIMATED 1966-71	
4179	3146	7.8	18.0	75	37.5	08-53		2	1	90	PROD, PROD (M)	*NO DATA 1970-71	
3405	2975	5.0	15.0	24		07-57		1	2	448	PRODUCED (B)		
*4119	2900	5.0	19.0		38.0	01-55	05-62	4	15	400	PENN SO, PROD (B)		
4140	3135	13.0			38.4	12-60		2	4	60	PRODUCED (B)	*ESTIMATED	
*3416	2500					03-54	10-60	3	8	120	PRODUCED (B)	*INCL WITH 3409	
3421	2535	21.0			35.0	10-60		6	13	320	TAP SPGS (B)	*ESTIMATED 1962-70	
300	3010	5.0				06-55		1	1	100	RIVEP, PROD (M)		
372	2650	10.0				06-69		1	4	80	PRODUCED (B)	*ESTIMATED	
	2920	20.0						1	4	80			
	3002	8.0						1	5	80			
4069	2640	12.0				06-68		1	5	60	PRODUCED (B)	*ESTIMATED	
	3010	3.0						1	5	60		*ESTIMATED	
* 301	2990	30.0	14.0	2000	38.5	07-53	05-58	1	1	20	PROD (B)		
3427	2900	6.0			36.0	05-54		1	4	50	PENN SO, PROD (B)	*ESTIMATED	
4087	3120	13.0				06-57		3	6	120	SH WELL (F)	*ESTIMATED	
4149	3120	20.0			38.0	11-65		3	8	120	PURCHASED (F)	*ESTIMATED	
*159	2200	7.2	13.0	200	40.1	10-62		5	5	480	PENN SO (B)	*ESTIMATED	
4194	3150	12.0			39.0	11-65		7	10	100	CYPRESS (B)	*ESTIMATED; INC DROPPED PROJ 4192	
*1901	2530	6.2	14.0		38.0	05-51	01-70	2	6	235	PRODUCED (B)		
*1902	2580	8.2	14.0		40.0	05-53	01-70	3	5	415	SH SO, PROD (M)		
4067	3075	7.5	19.0	35		08-71		8	236	PRODUCED (B)	*UNIT EFFECTIVE 8-71		
	3130	4.5						8	215				
4063	3015	6.5	18.5	30	37.0	09-71		1	4	165	WELL & PROD (M)		
4084	2935	11.0	16.0	35	39.3	03-57		1	1	55	PRODUCED (B)		
*4115	3150	8.0	19.0	115	39.0	01-56	05-63	6	4	172	SEWAGE, PROD (M)		
*4116	3200	14.8	20.0	80	39.0	08-54	05-53	7	11	243	SEWAGE, PROD (M)		
1918	2900	7.0				04-65		1	1	100	PENN SO, PROD (B)	*ESTIMATED	
3433	2870	5.0	13.0	120		01-65		2	3	220	PRODUCED (B)	*ESTIMATED	
3436	3005	9.0				09-65		3	5	140	PRODUCED (B)	*ESTIMATED	
4111	3050	15.0				06-71		1	3	80			
	3100	8.0				04-58		1	2	70			
	3150	10.0				06-71		1	2	70			
347	2933	15.0			39.2	02-59		1	2	40	CYPRESS (B)		
363	2678	10.0				05-68		1	1	30	SURFACE PROD (M)		
3414	2935	7.0			40.0	04-66		1	1	90	CYPRESS, PROD (B)		
4083	2970	12.0	19.0	22	39.5	12-51		1	2	120	CYPRESS, PROD (B)		
325	3000	5.0	16.0	1307	39.0	01-61		1	1	40	PRODUCED (B)	*INCL PRIM PROD +ESTIMATED	
*4117	2639	12.5	16.5	43	34.4	01-57	12-71	2	2	60	SH SO (F)	*INJ SUSPENDED 12-69E	
4118	3065	15.9	19.0	85	38.7	01-57		1	2	598	SH SO, PROD (M)		
4196	3170	18.0			39.0	03-65		20	19	480	PENN SO, PROD (B)	*ESTIMATED	
3423	2900	10.0	18.0	50	39.0	04-54		30	25	500	PENN SO, PROD (B)		
	2900	****						1	2	40			
4190	3004	15.0			38.0	10-65		1	4	40	PENN SO, PROD (B)	*ESTIMATED 1967-70	
*1907	2615	10.0				06-52	12-54	1	1	20	PRODUCED (B)	*OUMP FLOOD, NO DATA	
4079	3100	14.0	20.1	8	39.0	09-68		7	19	680	PENN SO (B)		
4081	3100	9.0				03-68		4	7	220	SH GRAVEL (E)		
4095	3060	10.0				02-69		3	2	40	SH GRAVEL (F)		
*4108	3016	10.0				02-54	12-61	2	2	80	PRODUCED (B)	*ESTIMATED	
4157	3040	10.1	15.9	24	39.0	10-67		3	3	100	PURCHASED (B)		
*4165	3200	19.0				11-53	12-67	7	20	960	PENN SO (B)	*INCL WITH 4166	
*4166	3030	8.0				12-53	12-67	6	13	250	PENN SO (B)	*INCL 4165, 4178	
*4178	3170	5.4				12-63	12-66	3	5	160	PENN SO (B)	*INCL WITH 4166	
4191	3100	10.0	18.0	50	34.5	11-55		6	6	180	PENN SO, PROD (B)		
4193	2960	14.0	19.0	30	39.0	01-65		10	10	280	SH GRAVEL (F)		
*4132	3255	6.0			38.0	01-58	07-59	1	1	40	CYPRESS, PROD (B)		
*4144	3150	13.0	19.0	85		11-60	01-64	9	10	150	PENN SO (B)		
302	2639	15.0	13.0	65		09-56		8	6	620	PENN SO, PROD (B)		



TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County	General information				Production and injection statistics (M bbls)						
	Operator	Project U = Unit	Pay name	Location S - T - R	Water Injection		Oil production		Water production		
					Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	
Project no. * = ABD. + = P. M.											
CLAY CITY C, CLAY, JASPER, RICHLAND, WAY (CONTINUED)											
304	UNION OIL CALIF.	NE WOODSIDE SCHOOL	CYPRESS MCCLOSKEY	16,17-2N-8E	346	1345	16.1	52	60	311	
335	UNION OIL CALIF.	WEILER SCHOOL CONSLO	CYPRESS MCCLOSKEY	33,34-3N-8E,3,4-2N-8E	278	7005	35.9	868	122	3211	
341	UNION OIL CALIF.	W CLAY CITY	MCCLOSKEY	10-2N-7E	646	731	53.5	69	293	361	
349	UNION OIL CALIF.	THOMAS SCHOOL U	CYPRESS AUX VASES MCCLOSKEY	5,6,7,8,17,18-2N-8E; 12-2N-7E	3339	15135	218.2	1870	984	6084	
358	UNION OIL CALIF.	BUNNYVILLE C *	CYPRESS BETHEL AUX VASES MCCLOSKEY	27,28,29,32,33-3N-8E; 4,5,6-2N-8E	2261	4426	289.1	638	1047	3208	
1910	UNION OIL CALIF.	E NEWTON CONSOL	MCCLOSKEY	27,34-7N-10E	609	3724	47.4	257	245	1196	
1911	UNION OIL CALIF.	MT. GILEAD CONSOL	MCCLOSKEY	19,20,29,30-5N-10E	217	8944	38.1	467	138	4592	
1919	UNION OIL CALIF.	N. DUNDAS U	AUX VASES MCCLOSKEY	7,8,9,18-5N-10E	1101	8589	75.5	649	959	4785	
1922	UNION OIL CALIF.	S ROOS U	AUX VASES MCCLOSKEY	33-6N-10E; 4,5,6-5N-10E	3017	12380	200.5	1208	1435	4607	
1924	UNION OIL CALIF.	HONEY CONSOL	AUX VASES MCCLOSKEY	16,17-5N-10E	810	2744	37.1	171	362	1454	
3404	UNION OIL CALIF.	OLD NOBLE	AUX VASES MCCLOSKEY	16,17-5N-10E	810	2744	37.1	171	362	1454	
3406	UNION OIL CALIF.	OLD NOBLE	CYPRESS MCCLOSKEY	3,4,5,8,9-3N-9E; 32,33-4N-9E	8727	95831	248.8	5468	8727	95831	
3418	UNION OIL CALIF.	SW NOBLE U	SPAR MTN	11,12-2N-8E		3810*		181		1056	
3425	UNION OIL CALIF.	WAKEFIELD U	CYPRESS	13,14,22,23,24,25,26, 27-4N-9E	1806	36463	54.0	3717	727	25528	
3429	UNION OIL CALIF.	GUYOT CONSLO	CYPRESS MCCLOSKEY	35,36-3N-8E,1,2-2N-8E	742	5003	23.0	298	326	1145	
3431	UNION OIL CALIF.	NF WAKEFIELD CONSLO	CYPRESS	13,14-4N-9E	33	354	3.7	36	21	53	
3434	UNION OIL CALIF.	HOG RUN CONSLO	AUX VASES MCCLOSKEY	17-3N-9E	306	1471	15.3	71	146	342	
3437	UNION OIL CALIF.	SUGAR CREEK UNIT	SPAR MTN MCCLOSKEY	26,27-4N-9E	34	1047	5.6	51	11	31	
3438	UNION OIL CALIF.	S DUNDAS CONSOL	MCCLOSKEY	30,31-5N-10E	218	950	30.7	56	80	218	
3440	UNION OIL CALIF.	B-B CONSOL	MCCLOSKEY	27,28-4N-9E	102	386	4.9	23	17	105	
3441	UNION OIL CALIF.	W A M CONSOL	AUX VASES SPAR MTN	13,14,23,24,26-4N-9E	414	1079	14.9	38	75	117	
3442	UNION OIL CALIF.	R H & P CONSOL	MCCLOSKEY	24,25-3N-8E	257	297	6.8	9	35	56	
3443	UNION OIL CALIF.	OUTER WAKEFIELD C	CYPRESS AUX VASES	14,23-4N-9E	175	331	11.5	23	32	53	
4070	UNION OIL CALIF.	LJ-BERG AREA	CYPRESS	25-4N-9E	28	28	13.1	13			
4074	UNION OIL CALIF.	E BANKER SCHL	CYPRESS AUX VASES	21,28-2N-8E	25	25	1.5	1	2	2	
4075	UNION OIL CALIF.	SE WOODSIDE SCHOOL	MCCLOSKEY	20,29-2N-8E	145	278	3.2	6	4	14	
4076	UNION OIL CALIF.	S WOODSIDE SCHL	AUX VASES MCCLOSKEY	19,20,30-2N-8E; 25-2N-7E	488	578	40.5	49	136	166	
4080	UNION OIL CALIF.	E DRY FORK	AUX VASES	25-1S-6E	109	232	7.4	14	3	9	
4091	UNION OIL CALIF.	WOODSIDE SCHL C	CYPRESS AUX VASES MCCLOSKEY	24-2N-7E;19,20-2N-8E 13-2N-7E;18-2N-8E	1999	5649	112.7	366	707	1986	
4097	UNION OIL CALIF.	CENT JORDAN SCHOOL	AUX VASES MCCLOSKEY	1-1N-7E	781	3072	46.2	383	480	1534	
4099	UNION OIL CALIF.	DEER CREEK S	CYPRESS	11,12-1S-8E	432	2185*	17.6	71*	58	291*	
4112	UNION OIL CALIF.	BRADLEY U	AUX VASES	26-1N-7E		639		42			
4113	UNION OIL CALIF.	JORDAN SCHOOL U	AUX VASES	27,34,35-2N-7E, 3-1N-7E	376	25655	15.2	2314	260	13631	
4114	UNION OIL CALIF.	NE JORDAN SCHOOL U	AUX VASES	25,26,35,36-2N-7E		13813		1316		8468	
4131	UNION OIL CALIF.	VAN FOSSEN U	MCCLOSKEY	10,14,15,22,23,26,27- 1N-8E	503	14732	13.9	681	503	7305	
4135	UNION OIL CALIF.	SE JORDAN SCHOOL U	AUX VASES	2,11-1N-7E	1102	17540	45.9	1598	976	10250	
4142	UNION OIL CALIF.	DEER CREEK UNIT	AUX VASES MCCLOSKEY	1,2,10,11-1S-8E	1175	5818	57.5	553	610	2087	
4143	UNION OIL CALIF.	ELM RIVER U	AUX VASES MCCLOSKEY	30,31-2N-8E	390	5166	16.7	502	154	2504	
4152	UNION OIL CALIF.	FELLER FLOOD CONSLO	AUX VASES	5,6,7,8-1N-8E	927	11894	47.8	1622	658	7099	
4153	UNION OIL CALIF.	OREGON SCHOOL U	AUX VASES	20,21,28,29-1S-8E		2839		185		1579	
4164	UNION OIL CALIF.	SE ENTERPRISE U	AUX VASES	24-1N-8E	5	1094	4.1	47	5	201	
4176	UNION OIL CALIF.	E. JORDAN SCHOOL C	AUX VASES MCCLOSKEY	1-1N-7E,6-1N-8E, 35,36-2N-7E	4160	24158*	142.9	2731*	2763	12175*	
4177	UNION OIL CALIF.	S JORDAN SCHOOL U	AUX VASES	11,12-1N-7E,7-1N-8E	1028	9550	108.7	1253	587	2697	
4185	UNION OIL CALIF.	NE GEFF U	AUX VASES	1,11,12,13-1S-7E	1135	8692	55.2	1232	709	3461	
4186	UNION OIL CALIF.	ZIF CONSLO	CYPRESS AUX VASES MCCLOSKEY	4-1N-8E; 33,34-2N-8E	1390	9096	152.3	1352	968	3916	
4187	UNION OIL CALIF.	SYCAMORE CONSLO	AUX VASES MCCLOSKEY	22,23,24-2N-7E	202	2602	10.4	221	162	1133	
4188	UNION OIL CALIF.	SOUTH CISNE CONSLO	AUX VASES MCCLOSKEY	27,34-1N-7E	754	3749	15.5	89	118	409	
4189	UNION OIL CALIF.	N CISNE U	AUX VASES MCCLOSKEY	22,27-1N-7E	465	2434	17.4	194	301	1307	
4180	VERNE M. VAUGHN	BLESSING-CHRISMAN U	AUX VASES	31,32-1N-8E	84	444*	3.6	174	19	214	
4181	WATKINS DRILLING	WATKINS-WHITLOCK	AUX VASES	2-1S-7E		152		45		143	
4151	H. WEINERT EST.	SOUTH BOYLESTON UNIT	AUX VASES	3,4,9,10-2S-7E	379	3656	16.1	271			
4162	H. WEINERT EST.	NORTH BOYLESTON UNIT	AUX VASES MCCLOSKEY	33,34-1S-7E;3,4-2S-7E	1073	10585	45.4	639			
4110	M. J. WILLIAMS	COVINGTON UNIT	OHARA MCCLOSKEY	25-1S-6E;19,20,29,30, 31,32,33-1S-7E		26912		1689		14374	
345	ZANETIS OIL PROP	STANFORD LEASES	AUX VASES	3,4,10-2N-7E	246	934*	16.8	145*	246	934*	
1903	ZANETIS OIL PROP	P. KELLY 3	SPAR MTN	1-5N-9E		184		88		312	
1909	ZANETIS OIL PROP	C. HARVEY 2	SPAR MTN	12-5N-9E		457		2			
1917	ZANETIS OIL PROP	HINES-CCHS 'A' ETAL	SPAR MTN	4,9-5N-10E		77		14		27	
1921	ZANETIS OIL PROP	KELLER 'A'-PAYNE HRS.	AUX VASES SPAR MTN	6-5N-10E	266	1441	78.3	286	225	865	
4096	ZANETIS OIL PROP	SHAW	AUX VASES	34-1S-8E		142		12		24	

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71				Injection water			Remarks
	Depth (ft)	Netpay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (*API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source	Type	
								Inj.	Prod.		SD = Sand GRAV = Gravel PROD = Produced SH = Shallow	(F) = Fresh (B) = Brine (M) = Mixed	
CLAY CITY C, CLAY, JASPER, RICHLAND, WAY (CONTINUED)													
304	2620	16.0	18.0		37.6	04-68		2	2	80			
	3000	25.0	15.0					4	2	280			
335	2596	17.0	15.0	24		07-61		7	8	320	PENN SD, PRDD (B)		
	2957							3	5	280			
341	3070	10.0	16.0		38.5	07-70		4	6	240	PRODUCED (B)		
349	2650	20.0	13.0	200		07-65		38	38	1480	PENN SD, PROD (B)		
	2900	20.0						8	12	200			
	3000	27.0						6	15	700			
358	2620	16.0	18.0	24	38.5	05-65		11	14	2300	PRODUCED (B)		*INCL FORMER C WILKIN
	2880	8.0	10.0					9	19	300			
	2950	11.0	18.5					11	15	400			
	3000	25.0	15.0					11	14	700			
1910	2670	8.0	15.0	24		10-60		5	5	180	CYPRESS, PROD (B)		
1911	2750	10.0				01-66		7	11	880	PRODUCED (B)		
1919	2720	37.0	18.0	87		07-65		18	28	1250	PENN SD, PROD (B)		
	2791	31.0						13	24	1320			
1922	2720	12.0				11-66		6	15	310	PRODUCED (B)		
	2900	11.0						12	18	570			
	3400	32.0						15	16	680			
1924	2720	11.0	18.5			08-68		2	4	200	PRODUCED (B)		
	2780	25.0	15.0					3	7	200			
	3297	13.0	11.0					4	5	360			
3404	2590	15.0	15.0	24	36.8	08-54		10	53	1550	PRODUCED (B)		
	2930	10.0						11	32	1702			
*3406	2984	6.0	15.0	75		05-57	03-66	2	3	340	CYPRESS, PROD (B)		*ESTIMATED
3418	2545	32.0	17.0	120		05-59		48	24	1640	PENN SD, PROD (B)		
3425	2620	20.0	15.0	75		12-63		7	8	500	PENN SD, PROD (B)		
	3000	20.0						5	7	400			
3429	2579	15.0	18.0	65		11-64		1	1	100	PENN SD, PROD (B)		
3431	2883	25.0	15.0	75		10-65		3	3	200	CYPRESS, PROD (B)		
	2967	7.0						3	3	229			
3434	2925	5.0				05-66		2	1	300	PENN SD, PROD (B)		
	2950	5.0						3	1	300			
3437	2838	25.0		38.5		06-68		1	3	80	SUB-SURFACE (B)		
	2838	25.0						1	3	80			
3438	2983	25.0	15.0		39.6	10-68		1	2	240	PRODUCED (B)		
3440	2878	27.0	15.0		38.1	09-69		1	3	80	WATER SOURCE WELL (B)		
	2905	15.0	14.0					4	3	150			
3441	2940	11.0	18.0		38.5	04-70		2	1	120	PRODUCED (B)		
3442	2619	12.0				12-63		1	3	50	PENN SD (B)		
	2876	14.0						1	4	50			
3443	2550	10.0	17.0	50	38.8	09-71		4	4	160	PRODUCED (B)		
4070	2640	15.0	18.0	65	38.6	10-71		1	3	60	WELL (B)		
	2945	15.0	16.0	77				1	3	60			
4074	3025	14.0	16.0		38.6	05-69		1	1	240	PRODUCED (B)		
4075	2915	10.0				05-69		3	5	180	PRODUCED (B)		
										120			
4076	3119	11.0			38.3	05-69		1	3	200	WELL, PROD (B)		
4080	2620	16.0	18.0		37.0	04-68		10	11	480	PENN SD, PROD (B)		
	2950	11.0	18.5					8	10	480			
	3000	25.0	15.0					11	18	874			
4091	2930	15.0	18.0		41.5	03-68		6	5	290			
	2990	4.0	15.0					5	6	290			
4097	2725	8.0	15.0	24	39.4	02-50		2	3	200	PENN SD, PROD (B)		*NO DATA BEFORE 1965
								3	3	240			
*4099	3013	20.0	22.0	100	39.0	05-60	09-68	3	3	60	PRODUCED (B)		
*4112	2950	14.0	19.0	73		09-54	12-71	37	35	830	PENN SD, PROD (B)		
*4113	2950	15.0	19.0	106		01-56	05-69	14	12	510	PENN SD, PROD (B)		
4114	3070	10.0	13.0	200		01-54		2	6	1810	PRODUCED (B)		
4131	2930	17.0	19.0	106		11-57		17	19	640	PENN SD, PROD (B)		
4135	2990	8.0				12-66		17	16	893	PENN SD, PROD (B)		
	3090	4.0						3	8	450			
4142	2910	20.0	18.0	87		09-58		5	7	210	PENN SD, PRDD (B)		
	3010	10.0						3	5	40			
4143	2950	16.0	16.0	77		09-58		20	12	1044	PENN SD, PRDD (B)		
*4152	3186	14.0	19.0	35		01-61	08-67	6	7	380	PENN SD, PROD (B)		
4153	2992	12.0	19.0	75		05-61		1	2	70	PENN SD, PROD (B)		
4164	2950	15.0	19.0	77		01-63		33	26	1110	PENN SD, PROD (B)		*INCL DROPPED PROJ 4096
	3030	5.0						8	8	400			
4176	2930	23.0	18.0	75		08-64		14	9	880	PENN SD, PRDD (B)		
4177	3075	20.0	18.0	75		09-64		18	18	1127	PENN SD, PROD (B)		
4185	2640	15.0	18.0	75		12-64		2	23	60	PENN SD, PROD (B)		
	2945	15.0						19	20	820			
	3023	5.0						11	12	750			
4186	2930	20.0	19.0	75		11-64		2	6	440	PENN SD, PRDD (B)		
	3010	20.0						2	2	100			
4187	3005	35.0	18.0	75		12-64		10	7	400	PENN SD, PROD (B)		
								2	5	200			
4188	3005	35.0	18.0	75		11-64		12	7	640	PENN SD, PROD (B)		
	3100	18.0						4	4	200			
4136	3050	18.0				04-59		2	2	50	CYPRESS (B)		
*4180	3129	11.0	18.0	75	38.0	11-59	10-66	1	1	40	PONO, PRDD (M)		
4151	3100	16.0				04-61		4	5	100	PENN SD, PROD (B)		
4162	3094	16.0				02-62		5	8	130	PENN SD (B)		
	2240	10.0						7	18	600			
4110	3200	8.0	14.0	80	38.0	06-55		12	13	1600	PENN SD, PROD (B)		*EST 1967-69; NO DATA 1970-
	3250	6.0	13.0	300				21	20	1900			
345	2900	15.0			37.8	07-64		1	1	20	PRODUCED (B)		*EST 1966, NO DATA 1967-70
*1903	2941	5.0			41.0	11-58	01-70	1	1	40	CYPRESS, PROD (B)		
*1909	2954	6.0			40.4	11-58	10-65	1	1	40	CYPRESS, PROD (B)		
*1917	2810	6.0			40.0	09-64	12-66	1	1	60	CYPRESS, PROD (B)		
1921	2760	25.0	15.5	10	39.4	01-65		7	17	250	PENN SD, PRDD (B)		
	2855	5.0						2	3	100			
*4096	3118	25.0			40.2	07-68	08-70	2	4	80	PURCHASED (B)		



TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County	General information				Production and Injection statistics (M bbls)						
Project no. * = A8D, + = P. M.	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production		
					Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	
COIL, WAYNE											
4077 BELL BROTHERS		CCIL U	AUX VASES	17,18,19-1S-5E	537	2056	166.0	329	149	312	
4100 W. C. MCBRIDE		YOUNGALDOO U	AUX VASES	19-1S-5E	182	1024	41.0	226	138	469	
COIL W, JEFFERSON											
*2011 GULF OIL CO		COIL W U	AUX VASES	14,15,22,23-1S-4E		1319		82*		749*	
*2012 GULF OIL CO		COIL W U	MCCLOSKEY	22-1S-4E		81					
2026 NAPCO		FARRINGTON	ST LOUIS	24-1S-4E	164	359	38.8	69	11	18	
CONCORD C, WHITE											
4281 ABSHER OIL CO		CONCORD UNIT	TAR SPRINGS	28-6S-10E		1169		251		339	
*4208 C. E. BREHM		CONCORD N UNIT	AUX VASES	10-6S-10E		637		66			
*4228 GT LAKES CARBON		MCCLOSKEY	SPAR MTN	28-6S-10E		233		5		44	
			MCCLOSKEY								
*4309 HUMBLE O AND R		CONCORD CO-OP	TAR SPRINGS	28-6S-10E		1179		143		379	
			AUX VASES								
*4205 BARRON KID		KERWIN-CONCORD	MCCLOSKEY	21-6S-10E		342		12		77	
*4299 O. R. LEAVELL		CONCORD	TAR SPRINGS	28-6S-10E		3964		402		1910	
*4331 O. R. LEAVELL		CONCORD	AUX VASES	28-6S-10E		370		55		289	
4332 O. R. LEAVELL		TULEY	CYPRESS	21,22-6S-10E		1276		57		455	
4358 O. R. LEAVELL		TULEY	AUX VASES	21-6S-10E		141*		24*		66*	
4206 PHILLIPS PET. CO		KERWIN	CYPRESS	21-6S-10E	179	2639	15.3	202	159	1191	
			AUX VASES								
			SPAR MTN								
*4229 PHILLIPS PET. CO		DALLAS	SPAR MTN	28-6S-10E		247		3		42	
			MCCLOSKEY								
4207 RFBSTOCK OIL CO.		TULEY	CYPRESS	21-6S-10E	30*	2419	1.9*	179	30*	1575	
			AUX VASES								
			MCCLOSKEY								
*4325 THUNDERBIRD OIL		N CONCORD U	HARDINSBURG	9,10-6S-10E		8492		903		5632	
CONCORD E C, WHITE											
4233 T. W. GEORGE		PEARCE U	CYPRESS	35-6S-10E,2-7S-10E		261		20		67	
COOKS MILLS C, COLES, DOUGLAS											
* 522 CHARLES R. GRAY		COMBES ESTATE	SPAR MTN	13,24-14N-7E		76		1			
* 802 CHARLES R. GRAY		LOGAN-MOORE	SPAR MTN	13-14N-7E		61		1			
* 510 KUYKENDALL DRUG.		BRADLEY WF	SPAR MTN	26,27,34,35-14N-7E		1914		56		875	
* 513 KUYKENDALL DRUG.		EASTON WF	SPAR MTN	27-14N-7E		556		12		243	
* 505 S AND M OIL CO.		COOKS MILLS UNIT	SPAR MTN.	9,15,16-13N-7E		3620		262		2800	
508 SCHAEFER OIL CO.		COOKS MILLS U	SPAR MTN	18,19,20,30-14N-8E, 13,24,25-14N-7E	180	2165	9.7	201	90	954	
CORDES, WASHINGTON											
4010 MOBIL OIL CORP.		GILL EST., P.KOZUSZEK	BENOIST	26-3S-3W	349	1804	22.9*	1491*	349	1808	
4000 SHELL OIL CO.		CORDES COOP	BENOIST	14,15,22,23-3S-3W	774	24639	60.4	4672	1548*	27178*	
COVINGTON S, WAYNE											
*4120 GENERAL AMERICAN		HEIDINGER-VOGEL	MCCLOSKEY	13-2S-6E		51					
CROSSVILLE W, WHITE											
*4404 CONTINENTAL OIL		CROSSVILLE WEST U	AUX VASES	15,16-4S-10E		1199		46		245	
			SPAR MTN								
			MCCLOSKEY								
DALE C, FRANKLIN, HAMILTON, SALINE											
*1309 C. E. BREHM		WESTBROOK	AUX VASES	1-7S-4E;6-7S-5E		1015		110			
1316 C. E. BREHM		WEST ENO	AUX VASES	19,20,30-7S-5E; 25-7S-4E	301	6317	17.4	622	100*	958	
*1513 C. E. BREHM		CANTRELL U	AUX VASES	4,5-7S-5E		3007		340		244*	
*1534 C. E. BREHM		HOGAN U	AUX VASES	16-7S-5E		2427	0.5	73		276*	
1544 C. E. BREHM		P.M. SMITH	AUX VASES	33-5S-5E, 4-7S-5E	104	2307	10.2	272	18*	579	
*1545 C. E. BREHM		RURAL HILL S	AUX VASES	33,34-6S-5E,3,4-7S-5E		1371		10		93*	
*1552 C. E. BREHM		MOORE U	AUX VASES	29,30,32-6S-5E		737		13		104*	
1553 C. E. BREHM		CROW U	AUX VASES	31-6S-5E	166	1255	5.5	153		101*	
3620 C B C OIL CO		RALEY	AUX VASES	29-7S-5E	60*	150*	23.5*	35*	40*	150*	
1556 JOE A. DULL		DALE W WF	AUX VASES	6-7S-5E	35*	423	4.4*	43	35*	91	
*1564 OUNCAN LSE+ROY		KNIGHT	AUX VASES	9-6S-6E		935		28			
*1520 FARRAR OIL CO.		TEOFORD	AUX VASES	26-5S-6E		436		138			
*1525 FARRAR OIL CO.		TEOFORD	BETHEL	26-5S-6E		62					
1566 FARRAR OIL CO.		NW RURAL HILL U	AUX VASES	21-6S-5E	135	355	1.7	282	14	75	
*1547 T. W. GEORGE		CANTRELL S. UNIT	AUX VASES	7,18-7S-5E		3259		512		1640	
1526 HERMAN GRAHAM		J.H. STELLE	AUX VASES	27-5S-6E	26*	1643	2.0*	116	26*	1594	
1528 HERMAN GRAHAM		DALE-HONOVILLE	AUX VASES	27-5S-6E	200*	5097	5.5*	218	200*	2077	
*1510 GULF OIL CO		W RURAL HILL U	AUX VASES	11,14,15,22,23-6S-5E		10312		1405*		5499*	
*1511 GULF OIL CO		W RURAL HILL U	OHARA	11-6S-5E		695					
*1559 GULF OIL CO		M.E. PARKS '8'	OHARA	34-6S-5E		179		4		48	
*1536 OAVIO F. HERLEY		WEST ENO	AUX VASES	9-7S-5E		2262		293		680*	
*1529 HUMBLE O AND R		DALE-HONOVILLE COOP	BETHEL	27-5S-6E		319					
*1501 INLAND PRODUCERS		N RURAL HILL U	AUX VASES	5,6,7,8-6S-6E		3372		293		1536	
*1523 E. H. KAUFMAN		N. RURAL HILL U	AUX VASES	11,12-6S-5E		1900		119*		1018	
*1524 E. H. KAUFMAN		S.E. RURAL HILL U	AUX VASES	18,19-6S-6E		2312		247*		1492	
1549 E. H. KAUFMAN		SW RURAL HILL UNIT	AUX VASES	23-6S-5E	18	1758	2.0	149	18	1479	
1563 L V C CORPORATION		DOOD-WILSON U	CYPRESS	6-6S-7E	1500*	11305	65.0*	1221	1200*	5335	
			BETHEL								
			AUX VASES								
1557 MAC OIL COMPANY		BURNETT WF UNIT	AUX VASES	1-7S-5E	88	769	9.1	62	49	277	
*1533 MARATHON OIL CO.		OGLESBY-GRISWOLD	AUX VASES	17-6S-6E		211		2		16	
1561 MARATHON OIL CO.		BRILL UNIT	HARDINSBURG	6-6S-7E	885	6337	56.7	555	636	2893	
			CYPRESS								
			BETHEL								
			AUX VASES								
1565 MARATHON OIL CO.		M.C. MOORE	AUX VASES	26,34,35-6S-5E	445	4139	29.3	215	301	808	
			OHARA								
*1543 MARION CORP		FRIEL	BETHEL	34-5S-6E		3064		255		1592	
			AUX VASES								
154E W. C. MCBRIDE		BENEFIEL-HUNT	AUX VASES	16,21-6S-7E	291	2477	16.3	191	272	1131	

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71					Injection water		Remarks
	Depth (ft)	Net pay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (°API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source	Type	
								Inj.	Prod.		GRAV = Gravel PROD = Produced SH = Shallow	(F) = Fresh (B) = Brine (M) = Mixed	
COIL, WAYNE													
4077	2700	15.2	19.7			01-69		6	5	265	PENN SD, PROD (B)		
4100	2960	13.0	21.0	120		05-65		4	4	80	PENN SD, PROD (B)		
COIL W, JFFFERSON													
*2011	2700	10.0	19.0	160		01-61	10-63	5	4	95	PENN SD, PROD (B)		*INCL 2012
*2012	2880					01-61	02-63	1	2	30	PENN SD, PROD (B)		*INCL WITH 2011
2026	3000	8.0				06-69		3	7	160	PENN SD, PROD (B)		
CONCORD C, WHITE													
4281	2279	11.0			36.4	09-59		3	2	60	PRODUCED (B)		*NO DATA 1971
*4208	2950	12.0	21.1	218	35.1	10-52	10-62	2	2	40	GRAVEL, PENN SD (M)		
*4228	2980	17.0			37.5	06-53	01-56	3	8	140	GRAVEL BED (F)		
	3020	5.0						3	5	140			
*4309	2260	10.0	20.9	75	36.0	12-60	12-67	2	3	50	SH SD, PROD (M)		
	2890	11.0	20.9	75				1	1	20			
*4205	3003	16.0				01-55	01-59	1	3	30	SH SD (F)		
*4297	2260	15.0	16.0	175	37.0	08-60	07-67	8	8	160	SH SD, PROD (M)		
*4331	2890	21.0	20.0	75	37.5	01-51	10-67	3	4	50	SH SD, PROD (M)		
4332	2600	12.0	16.0	135	36.5	10-61		6	3	130	SH SD, PROD (M)		*NO DATA 1967-71
4358	2900	15.0			37.3	03-62		1	1	20	PRODUCED (B)		*NO DATA 1967-71
4206	2620	12.0			37.0	07-53		1	1	20	SH SD, PROD (M)		
	2890	13.0						4	5	100			
	2980	4.0						1		20			
	3020	9.0							2	40			
*4229	2960	15.0	15.0	50	36.0	08-53	11-57	1	3	40	SH SD, PROD (M)		
	3020	15.0						1	3	40			
4207	2620	21.0			37.0	07-51			2	20	SH SD, PROD (M)		*ESTIMATED
	2900	22.0							3	30			
	3040	5.0						1	2	100			
*4325	2500	12.0	17.5	300	39.0	11-61	01-71	9	9	313	GRAVEL, PROD (M)		
CONCORD E C, WHITE													
4233	2550	11.0	14.3	92	36.0	12-66		3	3	70	SH GRAV, PROD (M)		*TEMP ABD 4-70
COOKS MILLS C, COLES, DOUGLAS													
*522	1778	5.0	11.3		37.0	04-63	01-65	1	3	60	SH SD (F)		
*802	1777	12.0	16.0	41		04-63	01-65	2	2	40	SH SD, PROD (M)		
*510	1800	12.0	17.5	195	38.0	04-62	12-68	5	6	50	SH SD, PROD (M)		
*513	1800	12.0	17.5	195	38.0	04-62	11-68	3	1	20	SH SD, PROD (M)		
*505	1800	12.0	17.0	250	36.0	01-61	01-68	8	24	320	RIVER, PROD (M)		
508	1780	10.0	13.5	160	39.0	11-61		4	6	400	PENN SD (B)		*ESTIMATED
CORDES, WASHINGTON													
4010	1270	12.0	20.0	250	37.0	09-65		4	9	150	PRODUCED (B)		*INCL PRIM PROD SINCE 9-65
4000	1230	14.0	20.0	250	37.2	08-50		35	50	640	PENN SD, PROD (B)		*1965, 1966 ESTIMATED
COVINGTON S, WAYNE													
*4120	3316	4.0				11-57	10-59	1	1	80	CYPRESS, PROD (B)		
CROSSVILLE W, WHITE													
*4404	3010	16.0				03-55	03-69	2	5	80	PRODUCED (B)		
	3190	6.0						1	1	30			
	3110	4.0						1	4	140			
DALE C, FRANKLIN, HAMILTON, SALINE													
*1309	3230	8.0	17.0	150	38.0	08-59	01-70	3	4	80	PENN SD, PROD (B)		
1316	3140	20.0	17.0	150	38.0	06-63		7	36	420	PENN SD, PROD (B)		*ESTIMATED
*1513	3150	15.0*	17.0	150	39.0	01-59	01-70	4	2	120	CYPRESS, PROD (B)		*1966-67 DATA ONLY
*1534	3300	11.3	19.0	150	38.0	06-62	05-71	2	10	130	PENN SD, PROD (B)		*1965-67 DATA ONLY
1544	3150	22.0	17.0	200	38.0	03-63		3	14	170	PENN SD, PROD (B)		*ESTIMATED
*1545	3250	22.0	17.0	200	38.0	04-63	03-68	5	9	150	PENN SD, PROD (B)		*1965-66 DATA ONLY
*1552	3250	14.0			37.0	04-65	06-69	3	7	110	PENN SD, PROD (B)		*THRU 1967 ONLY
1553	2250	14.0*			37.0	04-65		2	6	90	PENN SD, PROD (B)		*THRU 1967 ONLY
3620	3130	8.0				11-69		1	4	50	PRODUCED (B)		*ESTIMATED
1556	3260	10.0	13.0	85	38.0	12-65		1	3	80	PENN SD, PROD (B)		*ESTIMATED
*1564	3064	30.0				09-61	01-70	2	4	60	PRODUCED (B)		
*1520	3050	20.0				07-61	12-66	2	1	40	PURCHASED (B)		
*1525	2957	15.0				07-61	07-63	1	2	30	PURCHASED (B)		*INCL WITH 1520
1566	3200	27.0	17.0	100	38.5	08-57		2	8	110	PRODUCED (B)		
*1547	3125	20.0	20.5	122	39.4	09-60	12-68	11	9	220	PENN SD, PROD (B)		
1526	3034	11.0	14.0	120		09-61		2	2	60	PALESTINE, PROD (B)		*ESTIMATED
1528	3050	13.0	20.0	116	37.0	07-61		7	16	120	PALESTINE, PROD (B)		*ESTIMATED
*1510	3100	21.0	19.1	96	37.0	06-59	05-64	24	21	140	CYPRESS, PROD (B)		*INCL 1511
*1511	3173	19.0			40.4	06-59	05-64	2	1	20	PRODUCED (B)		*INCL WITH 1510
*1559	3350	14.0	15.0	35	38.0	08-65	05-67	2	4	60	SH SD (F)		
*1536	3250	18.0	20.0	340	40.0	12-62	11-68	7	7	120	PENN SD, PROD (B)		*ESTIMATED
*1529	2950	11.0	14.8	117	37.0	07-61	07-64	4	2	60	PENN SD, PROD (B)		*INCL WITH 1528
*1501	3125	14.7	23.9		39.0	02-52	04-59	7	6	310	CYPRESS (B)		
*1523	3150	15.0			38.0	01-61	12-67	5	5	140	CYPRESS, PROD (B)		*INCL PRIM PROD SINCE 1-61
*1524	3190	20.0			38.0	09-61	02-70	4	8	140	CYPRESS, PROD (B)		*INCL PRIM PROD SINCE 9-61
1549	3120	15.0			38.0	12-63		5	4	110	PENN SD, PROD (B)		
1563	2710	20.0			37.0	01-65		5	5	200	HARDINSBURG, PROD (B)		*ESTIMATED
	2875	15.0						5	5	200			
	2950	20.0						5	5	200			
1557	3215	20.0	15.0	65	38.0	03-62		1	3	40	PENN SD, PROD (B)		
*1533	3250	16.0	13.0	80		05-62	12-66	1	1	10	PENN SD, PROD (B)		
1561	2750	4.0				01-55		7	1	10	CYPRESS, PROD (B)		
	3000	20.0						4	4	130			
	3130	20.0						4	4	130			
	2210	15.0						4	4	130			
1565	3315	15.0	19.0	100		06-65		8	7	200	CYPRESS WSW, PROD (B)		
	3350	13.0	14.0	40				1	1	40			
*1543	2940	23.0	15.0	150	39.5	09-62	05-69	1	3	130	PALESTINE, PROD (B)		
	3050	16.0	17.0	100				2	3	130			
1543	3080	15.0	17.0	78		11-63		12	11	130	PENN SD, PROD (B)		

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County	General information				Production and injection statistics (M bbls)					
	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production	
					Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71
DALE C, FRANKLIN, HAMILTON, SALINE (CONTINUED)										
*1502 PHILLIPS PET. CO	CANTRELL U	AUX VASES	5,6,7-7S-5E			1814		161		1116
1514 SHELL OIL CO.	RURAL HILL UNIT	AUX VASES	11,12,13,14,23,24-6S-5E		602	62452	27.5	4790	635	41689
		OHARA	7,18-6S-6E							
1537 SHELL OIL CO.	NELLIE PORTER	MCCLDSKY	34-5S-6E		40	392	2.0	11	20	201
		CYPRESS	BETHEL					255		1820
*1512 SHERMAN DRPG	RURAL HILL	AUX VASES	13,23,25-6S-5E			5700		674		4124
		DHARA								
*1535 JOE SIMPKINS OIL	BARKER	AUX VASES	24-6S-5E			543		74		261
1567 JOE SIMPKINS OIL	DALE COMP	AUX VASES	10,15,16-6S-5E		150*	200	6.6*	15	125*	135
*1507 STEWART PRODUCERS	BILL JONES	AUX VASES	8-6S-6E			171		17		4
*1516 STEWART PRODUCERS	CRADDOCK-ARMES	AUX VASES	19-6S-6E			203*		15*		96*
*1531 STEWART PRODUCERS	WILLIAMS HEIRS CDDP	AUX VASES	9,10-6S-6E			272		4		130
*1539 STEWART PRODUCERS	FLANNIGAN U	AUX VASES	28,29-6S-5E			722		14		142
*1540 STEWART PRODUCERS	HUNGATE U	AUX VASES	28-6S-5E			506		27		116
*1541 STEWART PRODUCERS	BRUMIT U	AUX VASES	6,7-6S-6E		18	266	0.6	190		151
1562 STEWART PRODUCERS	JONES 2	AUX VASES	18-6S-6E			291		93		105
1568 STEWART PRODUCERS	ADA DIAL #2	DHARA	8-6S-6E		62	90	9.9	22		
*1504 TEXACO, INC.	WEST DALE UNIT	AUX VASES	11-6S-6E			6476		614		3334
*1508 TEXACO, INC.	HOOD-CAREY UNIT	AUX VASES	3-6S-6E			867				
*1509 TEXACO, INC.	HOOD-CAREY UNIT	BETHEL	3-6S-6E			1109		250*		1910*
*1538 TEXACO, INC.	VAUGHAN-BROCKETT CDDP	AUX VASES	17,18-6S-6E			1237		82		728
1560 TEXACO, INC.	DALE UNIT	TAR SPRINGS	1,2,11,12,13-6S-6E,5,		1815	6674	645.6*	7695*	12004*	59347*
		HARDINSBURG	6,7,8,17,18,19-6S-7E			102				
		CYPRESS				2505		14119		
		BETHEL				3802		24220		
		AUX VASES				8633		55164		
1542 UNION DIL CALIF.	DALE CDDP	TAR SPRINGS	36-5S-6E,31-5S-7E,		2071	19880	101.3	1775	1161	8441
		HARDINSBURG	6,7-6S-7E							
		CYPRESS								
		BETHEL								
1503 PAUL ZIEGLAR	WEST END UNIT	AUX VASES	17-7S-5E		60	2441	2.5*	204	60	1249
		AUX VASES	19,20-7S-5E							
DEERING CITY, FRANKLIN										
1319 FARRAR OIL CO.	PEARDDY COAL	AUX VASES	9-7S-3E		32	319	8.6	98*	32	240
DIVIDE C, JEFFERSON										
*2002 GULF OIL CO	W.D. HOLLDWAY	MCCLDSKY	21-1S-4E			2707		185		2294
2027 E MCNER JAHN	MINOR UNIT	SPAR MTN	23-1S-3E					140		
2007 KIRBY PETROLEUM	PRITCHARD HRS	AUX VASES	20-1S-4E		39	108	12.5	19	8	19
2015 KIRBY PETROLEUM	DELLA MCCLAVY	AUX VASES	17-1S-4E		39	94	4.6	15	8	11
2021 TEXACO, INC.	WEST DIVIDE UNIT	MCCLDSKY	13,14,15,22,23,		2246	14322	127.1	1009	1770*	10463*
			26-1S-3E							
2022 TEXACO, INC.	WEST DIVIDE UNIT	SPAR MTN	13,14,22,23-1S-2E		173	2089				
DUBOIS C, WASHINGTON										
4007 N. A. BALDRIDGE	KAMINSKY	CYPRESS	7,8,17-3S-1W		180*	480	19.6*	70	100*	250
4006 E. E. FLIPPIN	KLAYBDR	CYPRESS	17-3S-1W		190*	499*	23.9*	82*	150*	457*
4001 HARRY MABRY	D D PECK	CYPRESS	20-3S-1W		15*	216	1.8*	4	15*	37
*4003 HARRY MABRY	PECK	CYPRESS	20-3S-1W			68		16		5
DUDLEY, EDGAR										
900 BARR-HOMAN-ROBSON	BABER LSE	PENN	9-13N-13W		109	290	45.0	157	109	290
901 CARO OIL & GAS	ZITA HUKILL	DUDLEY	3-13N-13W		70	210	6.4	24	40	85
902 ODIS PATILLO	A STAUB LSE	DUDLEY	4-13N-13W		30	130	9.5	40	30	130
EDINBURG W, CHRISTIAN, SANGAMON										
103 DON HANKS	EDINBURG W U	SILURIAN	8,16,17-14N-3W		36	1009	6.0	109	36	641
ELDORADO C, SALINE										
3612 ASHLAND O AND R	VICTOR SUTTNER C	AUX VASES	7-8S-7E		91	503	5.9	40	43	108
*3614 BUFAY OIL CO.	SPRICH-LORCH	WALTERSBURG	35-8S-6E			137		24		
3610 HAR-KEN OIL CO.	SOUTHWEST U	WALTERSBURG	20,21-8S-7E		560	6006	22.7	637	510	2158
3611 HAR-KEN OIL CO.	CENTRAL U	WALTERSBURG	15,16,21-9S-7E		1330	14078	248.4	1601	943	4520
*3603 FRANK KING	ENDICOTT U	WALTERSBURG	2-8S-7E			221		21		42
3608 W. C. MCBRIDE	WALT. ELDORADO NE U	WALTERSBURG	10,11,15-8S-7E		781	15091	50.2	1463*	754	5296
*3609 W. C. MCBRIDE	CYP. ELDORADO NE UNIT	CYPRESS	10,15-8S-7E			633		58		127
3600 SHAKESPEARE OIL	NW ELDORADO U	TAR SPRINGS	8-8S-7E		241	351	4.8	7	7	7
		HARDINSBURG								
		AUX VASES								
ELDORADO E, SALINE										
*3607 G. L. REASOR OIL	PORTER	AUX VASES	23-8S-7E			373		35		41
ELLERY E, EDWARDS										
*1307 T. E. CROSLLEY	ELLERY EAST UNIT	AUX VASES	27,34-2S-10E			1639*+		433*+		887*+
*1019 T. E. CROSLLEY	ELLERY F U	OHARA	27,34-2S-10E			1673*				
ELLIDTSTOWN N, EFFINGHAM										
1101 VIRGIL STREETER	N ELLIDTSTOWN	MCCLDSKY	17,20-7N-7E		80*	479	4.7*	96	80*	213
ENERGY, WILLIAMSDON										
4502 A. B. VAUGHN	ENERGY WF	AUX VASES	3,4-9S-2E		5	5	2.6	3	5	5
ENFIELD, WHITE										
*4209 RICHARD ELSIE	S ENFIELD U 2	MCCLDSKY	28,29,32-5S-8E			1127		92		845
*4264 RICHARD ELSIE	S ENFIELD U 1	AUX VASES	28,29,32-5S-8E			2288		360*		519
*4292 RICHARD ELSIE	S ENFIELD U 3	OHARA	28,29,32-5S-8E			363		99*		259
EXCHANGE E, MARION										
*2630 FARRAR OIL CO.	EXCHANGE EAST UNIT	SPAR MTN	29-1N-4E			349		51		104
		MCCLDSKY								



TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

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Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71					Injection water		Remarks
	Depth (ft)	Net pay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (*API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow	Type (F) = Fresh (B) = Brine (M) = Mixed	
								Inj.	Prod.				
DALE C, FRANKLIN, HAMILTON, SALINE (CONTINUED)													
*1502	3200	15.0	18.0	75	38.0	09-55	10-62	3	5	50	PENN, PROO (B)		
1514	3120	20.9	19.0	96	39.4	09-58		74	53	1890	HARO, CYP, PROO (B)		
	3195	10.1	15.0	73				17	27	794			
	3300	12.4	17.0	75				9	13	330			
1537	2730	12.0	18.0	50	38.3	05-68		4	3	80	PRODUCED (B)		
	2900	20.0	16.0			08-62	09-68	4	3	80			
*1512	3108	17.5	19.1	97	38.0	05-59	12-70	11	11	211	PURCHASEO, PROO (B)		*ESTIMATED
	3192	8.5						1	4	50			
*1535	3200	20.0	19.1	97	38.0	11-62	03-67	2	2	40	GRAVEL 8EO (F)		
1567						08-70		16	30	520	PENN SO (B)		*ESTIMATED
*1507	3088	22.0				09-59	07-61	1	2	40	CYPRESS (B)		
*1516	3120	20.0	12.0	90	37.0	09-60	03-69	1	1	30	PURCHASEO (B)		*NO OATA 1969
*1531	3090	20.0	12.0	90	37.0	07-61	12-65	2	2	40	MCCLOSKEY (B)		*INJ TEMP SUSPENDEO 2-65
*1539	3240	20.0	12.0	90	37.0	09-62	06-67	2	4	80	PENN SO, PROO (B)		
*1540	3244	20.0	12.0	90	37.0	12-62	06-67	2	4	60	PENN SO, PROO (B)		
*1541	3180	20.0	12.0	90	37.0	10-59	12-71	1	4	50	CYPRESS SO, PROO (B)		
1562	3166	20.0	12.0	90	37.0	11-62		1	2	40	PURCHASEO (B)		*TEMP A80 1-1-68
1568	3102	14.0			37.5	07-70		1	2	30	PRODUCED (B)		
*1504	3050	14.0	17.0	125	38.0	07-51	09-67	3	6	295	PENN SO, PROO (B)		
*1508	3050	26.0	19.0	109	37.0	06-59	12-68	3	5	140	HAROLINSBURG, PROO (B)		*INCL WITH 1509
*1509	2950	26.0	17.5	126	37.0	06-58	12-68	3	5	140	HAROLINSBURG, PROO (B)		*INCL 1508
*1538	3150	18.0	21.4	149	38.8	03-62	11-68	5	5	140	PENN SO, PROO (B)		
1560	2400	18.5	18.0	52	36.0	07-65	07-71	12	18	497	PENN SO, PROO (B)		*INCL ALL PAYS
	2475	8.5				01-65	07-71	3	4	328			
	2680	13.3	15.3	109	36.0	01-65		36	32	2399			
	2900	18.0	13.0	22	36.0	01-65		58	61	3040			
	2980	16.5	17.3	66	37.0	01-65		65	62	3192			
1542	2320	15.0	18.0	150		06-63		12	13	20	PENN SO, PROO (B)		
	2500	16.0						3	4	70			
	2700	15.0						13	19	400			
	2920	22.0						12	15	444			
	3020	25.0						8	10	200			
1503	3150	15.0	18.0	75	37.0	01-56		1	4	65	PRODUCED (B)		*ESTIMATED 1966-71
DEERING CITY, FRANKLIN													
1319	2800	15.0			38.2	07-61		1	4	50	PRODUCED (B)		*INCL PRIM PROD
DIVIOE C, JEFFERSON													
*2002	2905	6.9	18.0		36.6	05-55	09-65	1	5	60	PRODUCED (B)		
2027	2680	12.0				10-65			6	60			*ADJACENT TO ACTIVE WF
2007	2612	8.0				08-69		1	2	30	CYPRESS (B)		
2015	2658	20.0			37.8	08-69		1	3	40	CYPRESS (B)		
2021	2750	13.0	13.8	1033	37.0	11-64		15	17	1245	PENN SO, PROO (B)		*INCL 2022
2022	2710	6.0	13.0	67	37.0	11-64		3	8	1245	PENN SO, PROO (B)		*INCL WITH 2021
DUBOIS C, WASHINGTON													
4007	1250	9.5				01-63		6	16	250	PRODUCED (B)		*ESTIMATED 1966-71
4006	1250	10.0			37.0	10-61		2	8	40	BENOIST, PROO (B)		*ESTIMATED 1965-71
4001	1260	10.0				11-68		1	4	50	PRODUCED (B)		*ESTIMATED
*4003	1232	12.0			37.0	12-59	08-64	1	2	40	TAR SPR, PROO (B)		
DUDLEY, EDGAR													
900	420	18.0	20.0	30	28.3	09-67		2	14	100	PRODUCED (B)		
901	410	30.0				03-67		1	3	40	PENN SAND (B)		
902	400	25.0				03-67		1	7	70			
EONIBURG W, CHRISTIAN, SANGAMON													
103	1700	15.0			8.0	11-61		1	13	30	PRODUCED (B)		*INCL PRIM PROO SINCE 10-54
ELOORADO C, SALINE													
3612	2922	8.0			35.4	09-63		1	2	40	PENN SO (B)		S.O.4-65, REACTIVATED 7-66
*3614	2050	11.0	15.0	150	38.0	09-64	12-68	1	1	10	PALESTINE SO (B)		
3610	2130	16.0	17.0	225	39.0	05-63		6	4	100	PENN SO, PROO (B)		
3611	2150	20.0	17.0	225	39.0	05-63		8	6	220	PENN SO, PROO (B)		
*3603	2090	7.0	13.0	100		04-59	10-63	1	4	60	PENN SO (B)		
3603	2200	22.0	19.0	200	38.0	08-63		9	9	540	PENN SO, PROO (B)		*SINCE 11-62
*3609	2560	12.0	18.0	80	38.0	12-62	08-68	2	3	20	PENN SO, PROO (B)		
3600	2200	10.0			36.9	05-70		1	1	30	PENN SO (B)		
	2314	8.0						2	2	40			
	2900	7.0						3	4	80			
ELOORADO E, SALINE													
*3607	2900	7.0			37.0	01-61	12-65	5	6	150	PALESTINE SAND (B)		
ELLERY E, EDWARDS													
*1007	3170	10.0	17.7	26		12-57	06-67	3	3	70	SH SO, PROO (M)		*NO OATA 1966-67 *INCL 1019
*1019	3240	6.0				12-57	06-67	1	3	300	SH SO (F)		*NO OATA 1966-67 *INCL WITH 1007
ELLIOTSTOWN N, EFFINGHAM													
1101	2700	6.0				12-66		2	10	100	TAR SPR, PROO (B)		*ESTIMATED 1968-71
ENERGY, WILLIAMSON													
4502	2354	20.0			40.0	10-71		1	9	130	PRODUCED (B)		
ENFIELD, WHITE													
*4209	2945	4.6			36.6	10-56	03-68	2	1	80	SH SO, PROO (M)		
*4264	2810	8.4	21.5	142	36.0	02-54	03-68	3	3	220	PRODUCED (B)		*INCL PRIM PROO
*4292	2874	5.0			37.5	08-55	10-65	1	1	90	PRODUCED (B)		*INCL PRIM PROO SINCE 8-56
EXCHANGE E, MARION													
*2630	2775	10.0				05-66	07-70	1	2	80	CYPRESS		
	2950	5.0						1	3	90			

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County	General information				Production and injection statistics (M bbls)						
Project no. * = A&D. + = P. M.	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production		
					Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	
EXCHANGE N C, MARION 2635 EGO OIL CO											
		SLAPOUT WF	MCCLOSKEY	7-1N-4E,12,13-1N-3E	312	841	84.2	284	115	186	
EXCHANGE W, MARION 2628 NAPCO											
		CHARLETON FLOOD	SPAR MTN	4-1N-3E	120*	453	14.2*	99	42*	183	
FAIRMAN, CLINTON, MARION 413 OMER H. OOLE											
		OUCOM9-KREITLER	BENOIST	13,24-3N-1W		1476*		251*		1476	
FLORA S, CLAY * 331 GENERAL AMERICAN											
		GIVEN-MCGREW U	MCCLOSKEY	4-2N-6E		70		4*		7	
FRIENOSVILLE N, WABASH *3998 DAYTON LOEFFLER											
		FRIENOSVILLE NORTH U	BIEHL	12-1N-13W		379		99		99	
*3945 MOBIL OIL CORP.											
		LITHERLAND	BIEHL	1,2-1N-13W		623		142*		282	
*3953 J. W. SANDERS											
		FRIENOSVILLE N U	BIEHL	1-1N-13W				7			
FROGTOWN N, CLINTON 409 ELMER OELZE											
		SCHROEDER	SILURIAN	31-3N-3W			2.2	9			
GERMANTOWN E, CLINTON + 406 HERMAN GRAHAM											
		GERMANTOWN	SILURIAN	36-2N-4W, 1-1N-4W	180*	3368*	15.2*	1140*	180*	3418*	
GILA, JASPER *1916 SCHAEFER OIL CO.											
		GILA	SPAR MTN	28,32,33-8N-9E		3194		418		1760	
GOLOENGATE C, EDWARDS, WAYNE, WHITE 4412 AMERICAN PUMP											
		POLLARD UNIT	AUX VASES	21,22,27,28-3S-9E	206	2035	4.3	108	50	1065	
4123 CITIES SERVICE											
		GOLOENGATE UNIT	AUX VASES	32,33-2S-9E	15	272	2.2	50	3	33	
			OHARA		16*	1420*	4.5*	192*	35*	568*	
*4124 CITIES SERVICE											
		KLETZKER U	AUX VASES	4-3S-9E		102		1		10	
*4128 CITIES SERVICE											
		GOLOENGATE U	MCCLOSKEY	28,32,33-2S-9E		926		7		281	
*4155 CULLUM OIL CO.											
		PETTIGREW-PIERCY UNIT	AUX VASES	24-2S-9E		262		14		122	
*4154 ALVA C. DAVIS											
		BUNNAGE-WOODS U	AUX VASES	13,24-2S-9E		631*	1.1	94*	7	125*	
*4145 OUNCAN LSE+ROY											
		SCOTTSTOWN	BETHEL	23,26-2S-9E		751		254			
4139 FAIRFIELD OIL CO											
		POND CREEK WF UNIT	AUX VASES	29,30,31,32-2S-9E	180	7635	13.0	527	180	1659	
*4374 GULF OIL CO											
		GOLOENGATE UNIT	AUX VASES	34,35-3S-9E, 3-4S-9E		7279		656		3689	
			SPAR MTN								
			MCCLOSKEY								
*1027 ILL. LSE. OP.											
		CHALCRAFT-HORN	AUX VASES	20-1S-10E		79		14		5	
4083 ILL. MID-CONT.											
		S ELLERY U	SPAR MTN	24,25-2S-9E	571	2134	37.0	117	28	403	
			MCCLOSKEY	19,30-2S-10E							
*4378 MARCH ORLG. CO.											
		GOLOENGATE	AUX VASES	3-4S-9E		109		27		107	
*4138 SKILES OIL CORP.											
		O'DANIEL U	BETHEL	25-2S-9E		215		26		24	
4148 TAMARACK PET.											
		W. ELLERY	AUX VASES	15,22,23,27-2S-9E		2546	6.6	416*	42	1084*	
			OHARA		118	2546*					
			SPAR MTN			268*					
*4377 TEXACO, INC.											
		J. HANCOCK COOP	AUX VASES	21-3S-9E		680		25		275	
*4189 M. J. WILLIAMS											
		GOLOENGATE EAST UNIT	BETHEL	25,26-2S-9E		163*		30*		104*	
			AUX VASES			163					
GOLOENGATE N C WAYNE 4066 NOAH PET											
		GOLOENGATE NORTH UNIT	AUX VASES	17-2S-9E	150*	150	10.6*	11	40*	40	
HALF MOON, WAYNE 4168 COLLINS BROS.											
		HALF MCON UNIT	MCCLOSKEY	28-1S-9E	130*	4474	6.0*	167	100*	1745	
4160 ALVA C. DAVIS											
		HALF MCON U	OHARA	26,34,35-1S-9E	419	5374	49.5	596	220	1688	
HARCO, SALINE 3619 COLLINS BROS.											
		HARCO U	AUX VASES	16-8S-5E	311	740*	18.6	75*	139	234*	
3613 LOBREE CORP.											
		HARCO WEST POOL UNIT	AUX VASES	29-8S-5E	49	562	7.5	51			
HARCO E, SALINE *3601 SUN OIL CO.											
		HARCO WF UNIT	CYPRESS	25-8S-5E		84		3		37	
*3602 SUN OIL CO.											
		HARCO WFPD	AUX VASES	24,25,26-8S-5E		334		30		112	
HARRISBURG, SALINE *3606 W. C. MCBRIDE											
		HARRISBURG NORTH	WALTERSBURG	34-8S-6E		1597		16		136	
HERALO C, GALLATIN, WHITE *1419 ASHLAND O AND R											
		SOUTH NEW HAVEN UNIT	TAR SPRINGS	29,30-7S-10E		1538		229		707	
4210 C. E. BREHM											
		HERALO W. U.	WALTERSBURG	28,33-6S-9E	124	2523	20.6	636		312*	
*4304 C. E. BREHM											
		NEW HAVEN U	AUX VASES	18-7S-10E		88		19			
1430 CITIES SERVICE											
		HERALO E U	AUX VASES	24-7S-9E	76	1395	11.7	145	44	271	
1444 COLLINS BROS.											
		HERALO E UNIT	TAR SPRINGS	23,24,25,26-7S-9E	304	502	37.6	65	16	20	
			AUX VASES								
*1405 CONTINENTAL OIL											
		COTTONWOOD N U	CYPRESS	21,28-7S-9E		5613		1045*		2114	
*1431 CONTINENTAL OIL											
		COTTONWOOD TAR SPR	TAR SPRINGS	6-7S-9E		179		30		45	
*4340 INO. FARM BUR.											
		NEW HAVEN WF	AUX VASES	17,18-7S-10E		786		79		14*	
1433 FRANK KING											
		GLOVER	AUX VASES	24-7S-9E		139		16		21	
4400 PAUL S. KNIGHT											
		HARRELL-KNIGHT-WILLMS	TAR SPRINGS	14-7S-9E	150*	175*	25.1*	27*	30*	45*	
4360 L V O CORPORATION											
		RAYLEY U	OAGLEY	11-7S-9E	600*	5523	21.9*	254	360*	2605	
			CLORE								
			TAR SPRINGS								
			CYPRESS								
			AUX VASES								
4365 L V O CORPORATION											
		HERALO COOP	AUX VASES	10-7S-9E	96*	1354	4.2*	117	60*	816	
*4359 LIVINGSTON OIL											
		CALVERT 'A'	AUX VASES	4-7S-10E		31					
4291 W. C. MCBRIDE											
		RAYLEY	PENN	3-7S-9E	95	192	5.6	14	6	11	
			CYPRESS								
*4212 Q. B. MITCHELL											
		RAYLEY U	CYPRESS	2-7S-9E		491		21		35	
4211 OENNIS PAINE											
		ACKERMAN UNIT	AUX VASES	4-7S-10E		462*		63*			
4382 BERNARD POOLSKY											
		RAYLEY UNIT	WALTERSBURG	13-7S-9E	10*	934	0.3*	195	30*	380	
				24-7S-9E							
4383 BERNARD POOLSKY											
		GRANT AUX VASES UNIT	AUX VASES	13-7S-9E	48*	392	4.9*	45	25*	119	
4389 BERNARD POOLSKY											
		CLARK UNIT	AUX VASES	4,5,8,9-7S-10E	120*	909	8.3*	73	65*	227	
4348 SHAKESPEARE OIL											
		QUESTELL COOP	OAGLEY	11-7S-9E	38	377	6.7	107*	6	59	



TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71					Injection water			Remarks
	Depth (ft)	Netpay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (*API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow	Type (F) = Fresh (B) = Brine (M) = Mixed		
								Inj.	Prod.					
EXCHANGE N C, MARION														
2635	2709	15.0	11.7	200	36.2	11-66		4	10	400	WELL (B)			
EXCHANGE W, MARION														
2628	2572	12.0				11-66		2	7	120	PRODUCED (B)			*ESTIMATED
FAIRMAN, CLINTON, MARION														
413	1450	8.0	21.0	357	38.0	03-59		1	4	50	PRODUCED (B)			*EST 1964-70, NO DATA 1971
FLORA S, CLAY														
* 331	2992	12.0				10-59	05-61	1	1	40	SH SO, PPOD (M)			*ESTIMATED
FRIENOSVILLE N, WABASH														
*3998	1650	10.0	15.0	35	33.0	05-62	01-71	4	3	60	SH SO (F)			
*3945	1620	12.5	16.0	81	35.6	07-47	09-57	2	3	26	SH SO (F)			*INC PRIM PROD
*3953	1631	10.0			36.6	08-57	12-61	1	2	40	SH SO (F)			*OUMP FLOOD, NA
FROGTOWN N, CLINTON														
409	2240	18.0				03-68		1	2		PRODUCED (B)			*SWO, NO INJ DATA
GERMANTOWN E, CLINTON														
* 406	2300	60.0			39.4	09-56		2*	13*	300	PRODUCED (B)			*ESTIMATED 1962-71
GILA, JASPER														
*1916	2835	6.9	12.5	276	39.0	09-63	09-70	4	17	437	GRAVEL, PROD (M)			
GOLONGATE C, EOWAROS, WAYNE, WHITE														
4412	3250	12.5	21.0	100	37.4	01-63		4	5	170	PENN SO, PROD (B)			
4123	3200	12.0	16.0	100	38.0	09-65		3	1	40	GRAVEL BEO (F)			*INCL OHARA, SPAR MTN
	3260	9.0	15.0	30	36.0	08-56		3	2	70				
*4124	3242	10.0	15.0	10		08-56	10-58	1	2	30	CYPRESS, PROD (B)			
*4128	3308	8.0			34.0	10-53	07-57	2	8	159	GRAVEL BEO (F)			
*4155	3270	11.0			39.5	11-62	01-71	2	4	60	PENN SO, PROD (B)			*ESTIMATED 1967-70
*4154	3250	14.0			39.3	05-62	12-70	5	4	90	PRODUCED (B)			*INCL OROPPEO PROJ 3600
*4145	3100	9.0			39.8	01-59	01-64	8	7	130	SH SO, PROD (M)			
4139	3220	20.0	15.0	150	38.5	05-60		2	6	600	SH SO, PPOD (M)			
*4374	3300	15.0	18.0	101	38.9	03-63	04-67	29	10	560	PENN SO, PROD (M)			
	3400	12.0	13.0	184				25	12	560				
	3458	10.0	10.0	102				19	10	560				
*1027	3222	8.0	22.3			12-62	04-65	1	3	40	PENN SO (B)			
4083	3370	7.0	12.5	55	39.5	01-66		2	4	140	PENN SO, PROD (B)			
	3395	6.5	12.5	350				2	4	140				
*4378	3310	21.0	18.5	51	39.5	05-63	12-65	1	1	20	PENN SO, PROD (B)			
*4138	3097	10.0			37.0	01-59	06-63	2	2	40	SH SO, PROD (M)			
4148	3240	10.0				09-61	06-70	4	6	80	SH GRAVEL (F)			*INCL OROPPEO PROJ 4149,4150
	3270	15.0				09-61		4	9	400				
	3310	9.0				09-61	05-70	1	2	60				
*4377	3240	15.0				01-63	12-66	2	2	40	PENN SO, PROD (B)			
*4189	3080	10.0			39.0	07-65	06-71	1	2	30	PENN SO (B)			*EST 1966-70; NO DATA 1971
	3206	17.0						1	4	60				
GOLONGATE N C WAYNE														
4066	3250	15.0				07-71		4	6	100	PRODUCED (B)			*ESTIMATED
HALF MOON, WAYNE														
4168	3300	10.0			40.4	12-62		6	9	470	GRAV BEO, PPOD (M)			*ESTIMATED
4160	3280	10.0	11.0	124	40.0	01-62		7	11	600	SH SO (F)			
HAPCO, SALINE														
3619	2900	15.0				10-69		4	16	160	PRODUCED (B)			*INCL OROPPEO PROJ 3600
3613	2900	5.2	17.8	39	40.0	10-65		3	1	70	CYPRESS, PROD (B)			
HARCO E, SALINE														
*3601	2550	9.0				07-59	08-61	1	2	30	PENN SO, PROD (B)			
*3602	2850	8.0				07-59	09-62	2	9	80	PENN SO, PROD (B)			
HARRISBURG, SALINE														
*3606	2020	10.0	19.0	140	38.4	07-58	11-68	3	5	80	PENN SO, PROD (B)			
HEKALO C, GALLATIN, WHITE														
*1419	2150	14.0	16.5	400	35.8	12-61	03-70		3	92	GRAV BEO, PROD (M)			
4210	2325	20.0	20.0	50	37.0	01-55		7	12	200	PENN SO (B)			*THRU 1967 ONLY
*4304	2900	15.0	15.0	100	38.0	02-60	12-65	3	3	80	RIVER (F)			
1430	2900	10.0	17.0	150	38.0	08-63		5	2	135	PALESTINE, PROD (B)			
1444	2315	10.0			39.0	08-69		1	3	40	CYPRESS (B)			
	2950	15.0						3	15	200				
*1405	2650	12.0	15.0	80		12-57	04-69	6	15	400	CLORE, PPOD (B)			*INCL PRIM PROD SINCE 12-57
*1431	2260	15.0	12.0	30	37.8	10-63	12-68		1	40	CLORE, PPOD (B)			
*4340	2870		14.0	10	35.3	02-60	12-67	4	3	250	SH SO, PROD (M)			*EST SINCE 1-62
1433	2900	8.0	12.0	37	38.0	11-63		1	3	40	PENN SO, PROD (B)			*NO INJ 1969 THRU 71
4400	2260	11.0				10-70		2	6	80				*ESTIMATED
4360	1550	15.0	14.0	50		01-62		1	1	20	PENN SO, PROD (B)			*ESTIMATED
	2050	15.0						3	6	90				
	2280	10.0						4	5	90				
	2630	22.0						2	2	40				
	2880	14.0						7	9	190				
4365	2900	13.0	18.2	100	37.0	05-62		2	6	70	PENN SO, PROD (B)			*ESTIMATED
*4359	2920	12.0			36.8	05-62	07-64	1	1	20	SHALLOW WELL (F)			
4291	1520	15.0	14.6	52		11-69		2	3	50	PENN SO, PROD (B)			
	2700	10.0						2	3	50				
*4212	2715	15.0	14.9	58	39.0	09-57	08-62	2	2	60	PALESTINE (B)			
4211	2890	23.0				02-56		1	2	30	GRAVEL BEO (F)			*EST 1965-70; NO INJ 1971
4382	2300	8.9	20.0	200	38.5	01-63		1	2	60	PAL SO, PROD (B)			*ESTIMATED
4383	2930	9.7	19.0	100	34.8	08-63		1	4	100	PAL SO, PROD (B)			*ESTIMATED
4389	2890	8.0	18.0	75	36.0	10-64		7	7	155	RIVER GRAV, PROD (M)			*ESTIMATED
4348	1425	13.0	19.0	46	33.5	01-62		1	3	59	PENN SO, PROD (B)			*INCL PRIM PROD SINCE 1-62

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County	General information				Production and injection statistics (M bbls)					
	Operator	Project U = Unit	Pay name	Location S - T - R	Water Injection		Oil production		Water production	
					Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71
HERALD C, GALLATIN, WHITE (CONTINUED) 4355 R.H.SIEGFRIED, INC.	HERALD U	CYPRESS	27, 33, 34-6S-9E, 4-7S-9E	250*	5023	14.4*	711	144*	1797	
*4364 TAMARACK PET.	HERALD U	PENN	34-6S-9E; 2-7S-9E		343		17		17	
HICKORY HILL, MARION 2625 EAGLE SUPPLY CO	HALFACRE	BENOIST	27-1N-4E	15*	114	0.9*	17	15*	131	
HILL E, EFFINGHAM *1105 WICHITA RIVER	HILL EAST UNIT	CYPRESS	11, 12, 13, 14-6N-6E		3185		154		1100	
HORD, CLAY 351 JET OIL CO.	CONNERLY C	AUX VASES SPAR MTN	14-5N-6E	15	114	4.0	24	15	56	
HORD S C, CLAY * 332 SHIRK, WEBSTER * 337 SHIRK, WEBSTER	SOUTH HORD UNIT ZINK UNIT	SPAR MTN SPAR MTN	26, 27, 34, 35-5N-6E 26, 35-5N-6E		8908 1571		748 77		6707 462	
INA, JEFFERSON *2008 KEWANEE OIL CO.	JEFF-KARBER-THREL B	RENAULT MCCLOSKEY	23-4S-2E		2317 1130		238		2535	
INGRAHAM, CLAY * 320 HUMBLE O AND R	INGRAHAM U	SPAR MTN	4, 9-4N-8E		2568		810		1543	
INMAN E C, GALLATIN 1436 AUTUMN OIL CO	EGLI	TAR SPRINGS CYPRESS	20, 21, 28, 29-7S-10E	100 120	769 1056	8.3 +	265*	140 +	696*	
*1422 CRAWFORD PROD *1409 FARRAR OIL CO.	BLACK E INMAN	WALTERSBURG TAR SPRINGS CYPRESS	2-8S-10E 33, 34-7S-10E, 2, 3, 10- 8S-10E		682 24228*		115 3550*		186	
*1406 HUMBLE O AND R *1420 JOE SIMPKINS OIL 1407 V. T. DRLG. CO.	BIG BARN HAVEN KERWIN-CRAWFORD	CYPRESS AUX VASES DEGONIA	11-8S-10E 28, 32-7S-10E 11, 14-8S-10E		226 182 180*		83 2 2083		27 4924	
1408 V. T. DRLG. CO.		CLORE PALESTINE WALTERSBURG TAR SPRINGS CYPRESS MCCLOSKEY PALESTINE	9, 10, 11, 16, 21, 22-8S-10E	125*	27474	18.2*	3272	130*	8456	
1411 V. T. DRLG. CO. 1429 V. T. DRLG. CO.	J A WILLIAMS SOUTH INMAN UNIT	TAR SPRINGS WALTERSBURG CYPRESS	27-7S-10E 21, 22-8S-10E	18* 42*	152 2435	2.0* 2.4*	14 127	18* 42*	148 1267	
*1426 E. G. WELKER	EGYPTIAN TIE, TIMBER	WALTERSBURG HARDINSBURG CYPRESS	21-8S-10E		515*		61**		149*	
INMAN W C, GALLATIN 1410 ASHLAND O AND R	RISTER-MOYE U	TAR SPRINGS CYPRESS	15-8S-9E	55	636	9.4	80*	48	97	
1440 ASHLAND U AND R	WEST INMAN U*	TAR SPRINGS HARDINSBURG CYPRESS	11-8S-9E	288	1309	45.2	195	153	389	
1428 T. L. CLARK 1438 ALVA C. DAVIS 1442 FARRAR OIL CO.	HISH-STRAUB UNIT RIDGWAY E U PCND U	BIEHL CYPRESS CYPRESS AUX VASES	21-8S-9E 14, 22, 23, 27-8S-9E 26, 27-8S-9E	153 175	32* 810 550	16.5 36.8	141 77	85 57	42* 331 110	
1400 T. A. FERRALL 1401 V. R. GALLAGHER *1402 GULF OIL CO *1403 GULF OIL CO 1424 OIL MANAGEMENT INC *1404 PHILLIPS PET. CO *1415 WEBSTOCK OIL CO. 1427 WEBSTOCK OIL CO. 1425 JOE SIMPKINS OIL	GOEREL-MC GUIRE-RIDER BRADLEY UNIT INMAN W U INMAN WU DRONE-RIDER-MINER LEVET INMAN W SCHMITT 'A' INMAN WEST UNIT	AUX VASES BIEHL CYPRESS TAR SPRINGS CYPRESS TAR SPRINGS BUCHANAN TAR SPRINGS HARDINSBURG CYPRESS	19-8S-10E 17-8S-9E 15, 16-8S-9E 15, 16-8S-9E 27-8S-9E 3-8S-9E 13, 24-8S-9E 15-8S-9E 1, 12-8S-9E, 6, 7-8S-10E	4 2 2 28* 200* 150* 400* 10*	512 2890* 310 8 1408 2245* 1782 836 2747 208	0.8 4.8* 69.2 +	169 425* 36 29* 79 28* 400 +	4 201* 327 570* 800* 2198 30*	217 499* 72 122* 1296 +	
1423 ZANETIS OIL PROP	SLATON	HARDINSBURG CYPRESS	11-8S-9E		0.9*	20	10*	46		
IOLA C, CLAY, EFFINGHAM 303 GETTY OIL CO	IOLA UNIT*	TAR SPRINGS CYPRESS BETHEL BENOIST AUX VASES	14, 15-5N-5E	1071	16595	23.9	1278	847	10680	
1112 GETTY OIL CO	BURK ROYALTY U	BETHEL AUX VASES STE GEN	27, 34-6N-5E	761	2359	34.0	106	248	828	
* 357 JARVIS BROS. 1110 L V O CORPORATION	LIGGETT S MASON U	AUX VASES BENOIST AUX VASES SPAR MTN	17-5N-5E 34-6N-5E	960*	201* 3908	60.4*	31* 327	570*	201* 1462	
1111 L V O CORPORATION	KINGWOOD JARVIS U	BENOIST AUX VASES SPAR MTN	26-6N-5E	1100*	4440	76.6*	389	800*	2198	
1119 E. M. SELF	WRIGHT	AUX VASES SPAR MTN	27-6N-5E	90*	190*	10.0*	21*	30*	50*	
* 322 TEXACO, INC. * 323 TEXACO, INC. 338 TEXACO, INC.	IOLA COOP IOLA COOP IOLA S. U.	BENOIST AUX VASES AUX VASES	14, 15-5N-5E 14, 15-5N-5E 22-5N-5E		1589 3363 108		55 85 98		4414* 2600	

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71					Injection water		Remarks
	Depth (ft)	Netpay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (*API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source	Type	
								Inj.	Prod.		SD = Sand GRAV = Gravel PROD = Produced SH = Shallow	(F) = Fresh (B) = Brine (M) = Mixed	
HERALD C, GALLATIN, WHITE (CONTINUEO)													
4355	2675	11.4	16.2	52	38.0	06-52		20	20	420	PENN SO, PROO (B)	*ESTIMATED	
*4364	1550	8.0	15.1	15		01-62	12-64	3	3	120	PENN SO, PROO (B)		
HICKORY HILL, MARION													
2625	2640	10.0			36.0	10-65		1	1	20	PROOUCEO (B)	*ESTIMATED	
HILL E, EFFINGHAM													
*1105	2460	13.0	18.0	100	40.0	12-59	12-64	3	15	150	SH SO, PROD (M)		
HORO, CLAY													
351	2710	15.0				10-65		1	2	20	PROOUCEO (B)		
	2780	10.0											
HORD S C, CLAY													
* 332	2790	8.6	15.0	862	36.1	09-59	06-70	3	12	340	RIVER, PROO (M)		
* 337	2790	5.2	15.8	835	38.0	08-62	06-70	6	4	250	RIVER, PROO (M)		
INA, JEFFERSON													
*2008	2640	10.0	22.0	96	37.0	12-60	12-69	3	3	120	PENN SO, PROO (B)		
	2770	8.0	13.0	25			12-69	4	3	140			
INGRAHAM, CLAY													
* 320	3000	5.1	14.2	2450	38.0	12-56	12-60	9	17	297	PENN SO, PROO (B)		
INMAN E C, GALLATIN													
1436	2175	12.0	18.5	325	36.8	04-64		3	4	110	SH SO, PROO (M)	*INCL BOTH PAYS +ESTIMATED	
	2499	21.0	16.5	212				4	4	130			
*1422	1975	15.0			37.0	01-59	12-67	1	3	50	PROOUCEO (B)	*1965-67 ESTIMATED	
*1409	2150	14.0	17.5	150	37.7	03-54	12-64	33*	35*	700	GRAVEL 8EO (F)	*INCL 1410,1411,1423,1424,1425	
	2440	10.0	16.8	50	38.0			23*	24*	500			
*1406	2400	5.9	16.5	58	38.0	04-54	12-66	3	1	30	SH SO, PROO (M)		
*1420	2770	9.0	12.4	8	39.0	11-60	07-62	4	4	80	SH GRAV (F)		
1407	1700	7.5	18.0	100	37.5	06-55		2	3	50	SH SO, PROO (M)	*ESTIMATED 1969-71	
	1730	7.5						5	4	100			
	1830	8.5			37.2			6	8	140			
	1930	13.5			36.8			10	14	200			
	2030	17.0						17	20	340			
	2380	21.8			34.4			12	15	240			
								1	4	40			
1408	1750	10.0	19.0	200	36.5	07-56		2	2	40	GRAVEL 8EO, PROO (M)	*ESTIMATED 1968-71	
	1980	15.0			37.2			8	8	160			
	2160	18.0			36.8			5	5	100			
	2200	14.0			36.5			10	10	220			
	2380	24.0			34.4			38	36	750			
1411	2102	14.0	16.0			07-66		1	2	30	PROOUCEO (B)	*ESTIMATED 1969-71	
1429	2000	7.0	19.6	109	36.0	11-62		8	9	170	SH SO, PROO (M)	*ESTIMATED 1969-71	
	2380	15.0	16.6	89				2	4	60			
*1426	1986	13.0			36.0	01-59	12-68	1	2	30	SH SO, PROO (M)	*NO DATA 1967-68	
	2206	13.0						1	2	30			
	2419	5.0						1	2	30			
INMAN W C, GALLATIN													
1410	2180	10.0	17.0	80		06-61	01-69		3	50	GRAVEL 8EO (F)	*FIRST DATA 11-66	
	2500	12.0	16.5	40				1	2	30			
1440	2185	10.0			36.0	05-65		11	15	140	SH SO (F)	*FORMERLY MAC OIL JONES NO 3	
	2320	10.0						2	2	40			
	2516	10.0						10	9	190			
1428	1570	10.0	21.0	75	38.0	01-62		2	5	70	PROOUCEO (B)	*NO DATA 1964-71; TEMP A80 1-64	
1438	2502	7.0			36.8	11-65		5	10	100	SHALLOW WELL (F)		
1442	2480	7.0				09-68		2	5	80	GRAVEL 8EO (F)		
	2780	15.0						5	15	210			
1400	2740	20.0				07-58		1	5	10	UNKNOWN	*NO DATA SINCE 61; TEMP. A80	
1401	1726	8.0	15.0	72	36.9	10-57		1	1	180	*PROOUCEO (B)		
*1402	2500	16.5	13.5	40	38.6	05-55	12-63	10	7	110	PENN SO, PROO (B)	*INCL 1403	
*1403	2180	11.0	13.0		36.1	03-57	03-63	3	7	90	PENN SO, PROO (B)	*INCL WITH 1402	
1424	2500	8.0				06-66		1	3	110	PENN SO, PROO (B)		
*1404	2560	6.0	18.0	100	35.0	05-57	06-59	1	1	20	PROOUCEO (B)		
*1415	2122	10.0			36.0	04-56	12-70	4	4	69	SH SO, PROO (M)		
1427	1666	8.0				06-60		1	4	60	SH SO, PROO (M)	*ESTIMATED 1967-71	
1425	2150	15.0			36.0	09-66		11	7	200	GRAVEL 8EO (F)	*ESTIMATED *INCL ALL PAYS	
	2290	10.0			37.0			9	6	160			
	2475	15.0			37.0			14	13	300			
1423	2336	12.0				01-62		1	2	30	TAR SPRINGS (B)	*ESTIMATED	
	2510	15.0						1	2	30			
IOLA C, CLAY, EFFINGHAM													
303	1874	8.0			32.2	01-55		1	1	20	PENN SO, PROO (B)	*INCL DROPPED PROJ 321	
	2125	10.5	20.0	100				2	4	40			
	2250	17.3	16.0	40				6	5	120			
	2280	20.0	16.0	40				14	17	260			
	2330	20.0	14.7	80				15	18	280			
1112	2290	40.4	17.3	50	37.5	02-68		5	6	120	PENN SO (B)		
	2350	19.6	16.5	15				3	5	90			
	2440	6.0	16.0					2	3	80			
* 357	2800	10.0			35.4	01-58	07-66	1	3	60	PROOUCEO (B)	SWO NON-PAY ZONE	
1110	2280	25.0				10-67		6	14	190	PENN SO (B)	*ESTIMATED	
	2350	16.0						6	18	270			
	2424	5.0						4	12	160			
1111	2280	25.0				12-67		10	3	200	PENN SO, PROO (B)	*ESTIMATED	
	2350	16.0						11	11	280			
	2424	5.0						4	6	100			
1119	2360					10-69		1	5	80	PROOUCEO (B)	*ESTIMATED	
	2430							1	6	80			
* 322	2290	9.5	15.7	80	36.0	06-58	01-68	1	2	110	PROOUCEO (B)	*INCL WITH 323	
* 323	2350	13.3	15.7	80	36.0	06-58	01-68	1	1	190	PROOUCEO (B)	*INCL 322	
338	2340	8.5	15.1	65	36.0	09-62		1	2	210	PENN SO, PROO (B)		

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County	General Information				Production and Injection statistics (M bbls)						
Project no. * = ABD. + = P. M.	Operator	Project U = Unit	Pay name	Location S - T - R	Water Injection		Oil production		Water production		
					Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	
IRVINGTON, WASHINGTON											
4002 MARK MAZZARINO		ARNING-KASTEN-REICHMN	CYPRESS	9-1S-1W	120	1200	24.6	139	120	1200	
4009 W. C. MCBRIOE		BROWN UNIT	CYPRESS	23-1S-1W	115	802	23.1	144	116	683	
4004 GEORGE THOMPSON		C.KOELLING	BENOIST	15-1S-1W	20*	963*	3.4*	77*	20*	523*	
IUKA, MARION											
2613 TEXACO, INC.	IUKA		MCCLOSKEY	10,15-2N-4E			4.8	67	23	364	
JOHNSON N, CLARK											
207 ACME CASING	N JOHNSON		CLAYPOOL	10,11,15-9N-14W	400*	19174*	14.0*	1034*	400*	14218*	
			CASEY								
			PARTLOW								
* 204 F. A. BRIDGE OIL	BLOCK 'A'		CASEY	2-9N-14W		5731*		247*		2713*	
* 205 F. A. BRIDGE OIL	BLOCK 'B'		CASEY	35,36-10N-14W		1118*		59*		338	
203 H & S OIL CO	N JOHNSON WF		CASEY	2-9N-14W	200*	3986	15.0*	866	200*	1422	
* 211 E. A. OLOFIELO	V. JONES		CASEY	1,3-9N-14W		75		1		2	
* 208 TIOEWATER OIL CO	CLARK COUNTY 1		CASEY	2-9N-14W		2418		160		1572	
JOHNSON S, CLARK											
210 ACME CASING	JOHNSON EXT 1, 2		CLAYPOOL	22,23,26,27-9N-14W	100*	25719*	6.8*	862*	100*	19397*	
			CASEY								
			PARTLOW								
* 212 ACME CASING	M E LARRISON		U PARTLOW	22,27-9N-14W		4424		163		3585	
* 213 ACME CASING	WEAVER-BENNETT		U PARTLOW	27-9N-14W		11359		528		9879	
209 TALBOTT & SONS	SOUTH JOHNSON (F-12)		U PARTLOW	27,34,35-9N-14W	1500*	71314	20.0*	1631			
JOHNSONVILLE C, WAYNE											
4167 FARRAR OIL CO.	E. JOHNSONVILLE UNIT		AUX VASES	25,36-1N-6E,1-1S-6E	474	9149	53.4	889	211	4659	
			MCCLOSKEY								
4195 L V O CORPORATION	TALBERT UNIT		AUX VASES	32-1N-6E	60*	1182	6.8*	98	50*	414	
4163 CHRIS PEARSON	LANE-WEAVER		OHARA	9-1S-6E	288	1253	39.9	178	288	1251	
4072 TEXACO, INC.	JOHNSONVILLE SU		AUX VASES	9-1S-6E	923	1942	114.3	229	755	1246	
			MCCLOSKEY								
4089 TEXACO, INC.	SIMS UNIT		AUX VASES	21,22,27,28,32,33,34-	1632	7076	429.6*	1462*	2462*	6149*	
			MCCLOSKEY	15-6E	1518	7340					
4121 TEXACO, INC.	JOHNSONVILLE U		AUX VASES	21,26,27,28,33,34, 35-1N-6E; 3,4-1S-6E	3572	36995	114.9	3763	1601	23253	
*4122 TEXACO, INC.	JOHNSONVILLE U.		MCCLOSKEY	3,4-1S-6E,21,26,27, 28,33,34,35-1N-6E		58250		4289		34484	
*4134 UNION OIL CALIF.	CRISP UNIT		AUX VASES	7,8,17,18-1S-6E		8732		1192		4466	
JOHNSONVILLE S, WAYNE											
*4172 ASHLAND O AND R	W GEFF UNIT		AUX VASES	11,14-1S-6E		3295		225		1161	
JOHNSONVILLE W, WAYNE											
4071 EGO OIL CO	JOHNSONVILLE W WF			23-1N-5E	136	136	18.5	19	7	7	
4169 FARRAR OIL CO.	W JOHNSONVILLE UNIT		MCCLOSKEY	2-1S-5E,35,36-1N-5E	100	2245	4.2	183	90	620	
*4161 KIRBY PETROLEUM	W JOHNSONVILLE		AUX VASES	14,23-1N-5E		1958		347		1000	
JOHNSTON CITY E, WILLIAMSON											
4501 MUTUAL O AND G	JOHNSTON CITY E U		CYPRESS	15,16-8S-3E	362	1382	48.6	308			
			AUX VASES								
JUNCTION E, GALLATIN											
1441 W. J. OSBORN	CRANE U		WALTERSBURG	36-8S-9E,1-9S-9E	60	213	2.7	13	24	46	
JUNCTION N, GALLATIN											
*1412 ESTELLE PRICE	JUNCTION UNIT		WALTERSBURG	16,17,20,21-9S-9E		2357*		303*			
1445 TAMARACK PET.	HISH LSE		BIEHL	33-8S-9E	102	127	10.6	13	2	3	
KEENSBURG S, WABASH											
3867 ALVA C. OAVIS	GARST-ECKLER		CYPRESS	34,35-2S-13W	171	1017	33.9	132	91	325	
3991 HERMAN LOEB	FEARHEILEY-THOM-UTLEY		MANSFIELD	10-3S-13W	360*	2803	11.7*	262	160*	1347	
*3915 VICKERY ORLG.	A P GARST		CYPRESS	27-2S-13W		297		27		60*	
KEENVILLE, WAYNE											
*4125 N. A. BALORIOGE	KEENVILLE UNIT		MCCLOSKEY	27,28,33,34-1S-5E		2137		232		1570	
*4126 WALTER OUNCAN	KEENVILLE U			28,29-1S-5E		1971		343		660	
KENNER, CLAY											
* 305 TEXACO, INC.	KENNER U		BENOIST	25,36-3N-5E, 30,31-3N-6E		4349		374		1722	
* 330 TEXACO, INC.	KENNER U		AUX VASES	25,36-3N-5E, 30,31-3N-6E		5363		117		1270	
* 353 TROOP ORILLING	CHASTEEN		BENOIST	36-3N-5E		45		8		45	
			RENAULT								
			AUX VASES								
KENNER N, CLAY											
* 324 INO. FARM BUR.	THEOBALD		BENOIST	17-3N-6E		21		53		47	
KENNER W, CLAY											
* 306 PHILLIPS PET. CO	W KENNER U		CYPRESS	23-3N-5E		16531		535		4799	
			BENOIST								
			AUX VASES								
KING, JEFFERSON											
*2016 N. A. BALORIOGE	EBER-GOFF		AUX VASES	22-3S-3E		81*		1		81	
2017 T. L. CLARK	RANDOLPH		AUX VASES	27,34-3S-3E	140*	1017	11.7*	184	140*	1021	
2025 SHAKESPEARE OIL	MADE UNIT		AUX VASES	33-3S-3E	25	143	8.1	95	25	143	
*2013 TEXACO, INC.	BAKER-BUMPUS-SMITH		AUX VASES	33,34-3S-3E		1911		62		419	
LANCASTER, LAWRENCE, WABASH											
3881 NICK BABARE	SHARP WOOD		BETHEL	4-1N-13W	55*	695	3.4*	138	55*	121	
3954 HAYES-WOLFE BROS	LANCASTER UNIT		BETHEL	4,9-1N-13W;33-2N-13W	425*	5079	30.4*	1214	300*	1038*	
2255 NAPCO	HELENA		SPAR MTN	16,21-2N-13W	92	92	31.9	32	4	22	



TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71					Injection water		Remarks
	Depth (ft)	Net pay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (*API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source	Type	
								Inj.	Prod.		SD = Sand GRAV = Gravel PROD = Produced SH = Shallow	(F) = Fresh (B) = Brine (M) = Mixed	
IRVINGTON, WASHINGTON													
4002	1400	20.0			35.0	11-57		4	15	150	PRODUCED (8)		
4009	1425	15.0	20.0	300	37.4	09-64		1	5	20	PRODUCED (8)		
	1540	12.0	18.0	65				2	6	30			
4004	1531	10.8	19.0	278	37.2	02-59		2	9	110	PRODUCED (8)		*ESTIMATED 1966-71
IUKA, MARION													
2613	2750	10.0			39.0	08-60		1	3	270	CYPRESS, PRDD. (8)		*DUMP FLOOD, UNKNOWN
JOHNSON N, CLARK													
207	460	19.0	19.0	330		03-55		51	71	223	GRAV, PROD (M)		*ESTIMATED 1967-1971
	530	14.0											
	595	24.0											
* 204	450	20.0	20.8	399	33.9	04-49	01-63	27	13	125	SH SD, PROD (M)		*NO DATA 1958-1963
* 205	480	2.0	18.3	66	33.0	05-51	12-63	18	12	80	SH SD, PROD (M)		*NO DATA FROM 5-57 TO A80
203	475	20.0	20.0	231	32.2	11-53		18	22	240	GRAV, PROD (M)		*ESTIMATED
* 211	440	19.0	19.8	252	35.4	09-51	02-54	3	2	15	SH SAND (F)		
* 208	425	26.1	20.6	415	33.9	02-50	12-59	19	20	81	SH SD, PROD (M)		
JOHNSON S, CLARK													
210	420	15.0	21.0	294		03-55		30	33	479	GRAV, PRDD (M)		*ESTIMATED
	465	20.0											
	500	30.0											
* 212	507	33.0	18.0	277		03-55	12-70	2	2	80	GRAV, PRDD (M)		*NO DATA 1968-70
* 213	467	35.0	19.0	285		03-55	12-70	6	7	280	GRAV, PRDD (M)		*NO DATA 1968-70
209	490	48.0	16.6	319	30.5	03-49		54	62	504	GRAV, PRDD (M)		*ESTIMATED
JOHNSONVILLE C, WAYNE													
4167	3070	17.0	19.0	90	39.2	08-62		10	11	440	CYPRESS, PRDD (8)		
	3200	10.0	14.0	100				9	9	380			
4195	3120	13.0	20.7	230	37.0	01-65		2	3	110	PENN SD, PROD (8)		*ESTIMATED
4163	3124	6.0	14.2	2454	38.6	06-62		1	3	50	PRODUCED (8)		
4072	3000	8.0	18.6	98	37.0	07-69		5	7	230	PRODUCED (8)		
	3100	6.0	12.0	777	37.0			5	3	220			
4089	3045	25.0	16.7	118	38.0	07-67		18	27	1960	PRODUCED (8)		*INCL 80TH PAYS
	3175	17.0	11.0	377	38.0			20	23	1960			
4121	3000	7.5	19.1	187	37.0	10-56		24	31	3230	PENN SD, PROD (8)		
*4122	3100	10.0	15.5		37.0	11-54	02-70	1	18	3230	CYPRESS, PRDD (8)		
*4134	3019	17.0	19.0	80		11-57	05-68	10	8	360	PENN SD, PRDD (8)		*INCL PRIM PROD SINCE 2-58
JOHNSONVILLE S, WAYNE													
*4172	3050	11.0	20.3	82	39.0	05-63	08-70	11	12	480	PENN SD (8)		
JOHNSONVILLE W, WAYNE													
4071	2916	7.0			38.0	08-71		3	8	259	PENN SAND (8)		
4169	3072	11.0	13.5	200	37.0	10-63		2	4	150	PENN SD, PROD (8)		
*4161	2900	12.0	19.0	92	39.0	05-62	06-69	5	5	170	PENN SD, PROD (8)		
JOHNSTON CITY E, WILLIAMSON													
4501	2300	20.0	14.8	80		02-67		4	5	90	CYPRESS SD (8)		
	2580	6.0	12.2	14				2	5	70			
JUNCTION E, GALLATIN													
1441	2000	15.0	17.0	50		03-68		2	3	60	PENN SD, PROD (M)		
JUNCTION N, GALLATIN													
*1412	1720	14.0	16.0	22	36.0	05-51	04-71	5	6	110	SH SD (F)		*EST 1965-66; NO DATA 1967-71
1445	1560	7.0				09-70		1	3	40	SHALLOW SD (F)		
KEENSBURG S, WABASH													
3867	2398	12.0			37.8	10-64		4	4	90	SH SD, PROD (M)		
3991	1181	13.0	15.0	42	32.5	12-62		5	9	130	SH SD, PROD (M)		*ESTIMATED
*3915	2403	15.0	20.6	134	37.5	11-54	12-59	1	1	60	SH GRAV (F)		*ESTIMATED
KEENVILLE, WAYNE													
*4125	3100	9.0			40.0	11-56	03-66	3	12	220	SH SD, PROD (M)		
*4126	2950	13.0	20.0	155	39.0	04-54	11-61	3	9	120	SH SD (F)		
KENNER, CLAY													
* 305	2700	14.0	15.6	54	36.0	06-59	12-65	23	24	480	PENN SD, PROD (8)		
* 330	2800	21.0	17.0		36.0	06-59	10-67	1	8	270	PRODUCED (8)		
* 353	2719	29.0			35.8	08-63	07-68	1	1	20	PRODUCED (8)		
	2774	18.0						1	1	20			
	2931	13.0						1	1	20			
KENNER N, CLAY													
* 324	2750	10.0	17.0	40	36.0	10-58	12-63	1	3	30	PRODUCED (8)		*ESTIMATED
KENNER W, CLAY													
* 306	2600	13.0			37.5	02-52	06-68	2	8	280	PRODUCED (8)		
	2720	14.0						1	9	200			
	2800	16.0							5	70			
KING, JEFFERSON													
*2016	2700	7.0				01-63	11-68	1	3	40	PRODUCED (8)		*WATER INJ INEFFECTIVE
2017	2700	20.0				06-64		3	5	80	CYPRESS, PRDD (8)		*ESTIMATED 1967-71
2025	2708	10.0	12.0	16		11-64		1	7	80	PRODUCED (8)		
*2013	2735	11.0			37.0	05-61	02-70	3	2	160	PRODUCED (8)		
LANCASTER, LAWRENCE, WABASH													
3881	2540	21.0	17.0	65	37.5	07-64		2	3	40	PRODUCED (8)		*ESTIMATED
3954	2500	16.0			34.0	12-58		21	34	500	SURF PDNDS, PRDD (M)		*ESTIMATED
2255	2720	7.0				07-71		4	8	300	PENN SD (8)		



TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County	General information				Production and injection statistics (M bbls)						
	Project no. * = ABD, + = P, M.	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production	
						Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71
LANCASTER E, LAWRENCE, WABASH											
3984	COY OIL CO	FRIENOSVILLE U	BIEHL	25,36-2N-13W		62	62	4.7	5	1	1
LANCASTER S, WABASH											
3916	H AND H OIL CO	LANCASTER SOUTH	BETHEL	21-1N-13W		11	480	5.6	106	11	123
LAWRENCE, LAWRENCE, CRAWFORD											
2215	ASHLAND O AND R	BOLLES-WRIGHT UNIT	BETHEL	7,8,17-4N-12W		55	892	5.1	38	13	97
2242	BALOWIN, BALOWIN	O'DONNELL	CYPRESS	17-3N-12W			1665*		148*		414*
2268	FRANCIS BEARD	JENNER	BETHEL	36-3N-12W		200*	1485*				
2269	FRANCIS BEARD	JENNER	CYPRESS	36-3N-12W		250	3023*	16.3*	269*	250*	2175*
*2200	CALVAN AMERICAN	PIPER	CYPRESS	2,11-4N-13W			146		6		
*2229	CALVAN AMERICAN	WALLER	CYPRESS	5,6-2N-11W			828		12		144*
2208	CHARLES E. CARR	CRUMP *40*	CYPRESS	19-4N-12W		20*	1967	1.0*	273	20*	2933
2209	CHARLES E. CARR	CRUMP UNIT	CYPRESS	31-4N-12W		90*	2027	2.9*	157	90*	1059
2234	CHARLES E. CARR	L GILLESPIE	BETHEL	26,35-3N-12W		40*	1618				
2235	CHARLES E. CARR	L GILLESPIE	CYPRESS	26,35-3N-12W		280*	8825				
2236	CHARLES E. CARR	L GILLESPIE	BRIDGEPORT	26,35-3N-12W		225*	8957	12.5**	803*	225**	6774*
2241	CHARLES E. CARR	FYFFE	CYPRESS	6-3N-12W,1-3N-13W		190*	6061	5.0*	449	190*	2068
2244	CHARLES E. CARR	BRIDGEPORT UNIT	CYPRESS	6-3N-12W		250*	6540*	9.0*	1139*	250*	4672*
2245	CHARLES E. CARR	S GILLESPIE	CYPRESS	26-3N-12W		80*	896	10.0**	165*	80**	261*
2246	CHARLES E. CARR	S GILLESPIE	BETHEL	26-3N-12W		75*	668				
2252	CHARLES E. CARR	BOWER-ROSS	CYPRESS	29-4N-12W		144	2503	3.3	214	144	1942
2253	CHARLES E. CARR	FYFFE *39*	CYPRESS	31-4N-12W		90*	1889	2.6*	99	90*	1440
2262	CHARLES E. CARR	FYFFE U	CYPRESS	36-4N-13W		125*	2421	2.3*	183	125*	1577
2270	CHARLES E. CARR	GRAY FEE WF	CYPRESS	1-2N-12W		120*	1344	4.8*	85	80*	308
			BETHEL								
2276	CHARLES E. CARR	WITHERS-PELHAM-STATE	CYPRESS	36-3N-12W		144*	2314	7.5*	757	144*	1246
			BETHEL								
2207	DELTA OIL CORP.	GPAY AREA	JACKSON	13,14-4N-13W		150*	7467	7.5*	707	150*	5050
			BETHEL								
			BENOIST								
*2205	WALTER DUNCAN	L.C. DAVIO	SAMPLE	8-3N-11W			56				8
*2206	T. W. GEORGE	KLONDIKE WF	BENOIST	25,26,35, 36-5N-13W			9990		1098		3338*
*2280	GULF OIL CO	H E GRIGGS	CYPRESS	18-3N-12W			245		6		2
			BENOIST								
2211	GAIL HEATH	STOLTZ	BRIDGEPORT	32-4N-12W		250*	6022				
2212	GAIL HEATH	STOLTZ	CYPRESS	32-4N-12W		300*	7382	8.5**	1037*	300**	7326*
2240	O. S. HUDDLESTON	VANDERMARK-ALBRECHT	BRIDGEPORT	34-3N-12W		265*	2422	31.0*	154	240*	1563*
			CYPRESS								
2224	ILLINOIS OIL CO.	FINLEY U	CYPRESS	25-3N-12W		108*	748	7.0*	38	108*	652
			BETHEL								
2225	ILLINOIS OIL CO.	GEE-IRWIN U	CYPRESS	26-3N-12W		72*	360	4.2*	32	40*	230
			BETHEL								
			MCCLOSKEY								
2226	ILLINOIS OIL CO.	DINING HEIRS	CYPRESS	36-3N-12W		84*	494	13.2*	56	200*	567
			BETHEL								
2227	ILLINOIS OIL CO.	MCCROSKEY HRS	CYPRESS	25-3N-12W		62*	278	7.2*	57	62*	252
			BETHEL								
2277	ILLINOIS OIL CO.	BUNKER HILL U	BRIDGEPORT	12-2N-12W		165*	1089	9.0*	75	75*	463
			BETHEL			160*	1260	6.0*	54	72*	259
2281	JENNY LEE OIL CO	CALVERT-MUSGRAVE	BRIDGEPORT	3-3N-12W			7*				
2275	HERMAN LOEB	BURNS,GRIGGS,ZELLARS	BRIDGEPORT	8-3N-12W		170*	10084	10.0*	583	180*	4468
			CYPRESS								
2213	MARATHON OIL CO.	16 PROJECTS*	JACKSON	T3,4N-R12,13W		19238	278793	1740.0	43718	18266	187864
			CYPRESS								
			BETHEL								
			BENOIST								
2214	MARATHON OIL CO.	9 PROJECTS*	BRIDGEPORT	T 3,4N R 12,13W		5593	153152	412.3	13858	5573	121086
2216	MARATHON OIL CO.	4 PROJECTS *	MCCLOSKEY	T 3,4N R 12,13W		2414	46015	154.4	4253	1960	31611
2247	MARATHON OIL CO.	HARDINSBURG WF 37-H	HARDINSBURG	27,34-3N-12W		106	106	19.0	19	14	14
2279	MARATHON OIL CO.	RIDGLEY 41-P	RIDGLEY	26,34,35-3N-12W		818	3874	106.8	898	482	2318
*2204	W. C. MCBRIDE	APPLEGATE	JACKSON	7-4N-12W, 12-4N-13W			4468		228		3476
			CYPRESS								
			MCCLOSKEY								
2210	W. C. MCBRIDE	NEAL	JACKSON	29-4N-12W		443	6078	23.6	765	384	3788
			CYPRESS								
2219	W. C. MCBRIDE	ROGERS	CYPRESS	14-3N-12W		157	1004	21.5	176	158	721
			SAMPLE								
*2249	W. C. MCBRIDE	HINKLE	MCCLOSKEY	26-3N-12W			175		24		223
*2251	W. C. MCBRIDE	COMBS	CYPRESS	20-4N-12W		1	779	0.2	65		339
			BETHEL								
2254	W. C. MCBRIDE	DALRYMPLE	JACKSON	2R 4N-12W		326	4176	8.4	483	217	2599
			CYPRESS								
			SAMPLE								
			BETHEL								
2285	W. C. MCBRIDE	HINKLE	CYPRESS	26-3N-12W		183	1490	22.7	390	317	1274
			SAMPLE								
*2243	OILFIELD ORLG.	BELL UNIT	CYPRESS	1-3N-13W			2429*		172*		998*
2273	BERNARD PODOLSKY	LOEB AND MCPHERSON	CYPRESS	14,15,22-3N-12W		168*	2695	16.8*	310	160*	1299
			BETHEL								
2274	BERNARD PODOLSKY	GILLESPIE AND CALVERT	CYPRESS	15,22-3N-12W		100*	1199	25.0*	125	40*	310
2237	A.BRANOT POWELL	STOLTZ HEIRS	JACKSON	25-4N-13W		108	1457	11.5	322	108	475
			CYPRESS								
			BETHEL								
*2230	REE, INC.	SNYDER	CYPRESS	30-3N-11W			16		1		69
2222	HUBERT ROSE	LEIGHTY	CYPRESS	32-3N-11W			97*		1*		
*2217	SHAKESPEARE OIL	S 8*PORT U C MILLER C	BETHEL	20,29,30-3N-12W			4902		536		2057
2288	JOE SIMPKINS OIL	COLLINS SCHL	CYPRESS	6-2N-11W;31-3N-11W;		250*	675	20.0*	64	200*	390
			SAMPLE	1-2N-12W							
2203	C. E. SKILES	BRIDGEPORT S U	BETHEL	19-3N-12W		120*	173	15.0*	15	60*	85
2202	WAYNE SMITH, OP.	C M PERKINS	BRIDGEPORT	32-4N-12W		1	15741	1.8	798	34	4423
			CYPRESS								
2220	WAYNE SMITH, OP.	BUCHANAN	CYPRESS	7-3N-12W		315	2377	51.6	336	50	80
			BETHEL								

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71				Injection water		Remarks
	Depth (ft)	Netpay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (*API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow Type (F) = Fresh (8) = Brine (M) = Mixed	
LANCASTER E, LAWRENCE, WABASH 3984 1740 9.0					30.6	01-71		1	2	30	SHALLOW SAND, PRDD. (M)	
LANCASTER S, WABASH 3916 2520 10.0					36.0	01-55		2	2	40	PRODUCED (8)	
LAWRENCE, LAWRENCE, CRAWFORD												
2215 1680 10.0 15.0 20					38.0	07-66		4	10	120	PURCHASED (F)	
2242 1500 28.0 15.7 15					38.0	04-59		9	7	160	BUCHANAN, PROD (8)	*NO DATA 1964-71
2268 1655 10.0 15.0 20						11-62		11	10	100	GRAV, PROD (M)	*EST 1967-71
2269 1540 25.0 15.0 30						11-62		11	10	100	GRAV, PROD (M)	*EST 1967-71
*2200 1520 25.0 20.8 33					38.6	12-53	06-56	4	2	60	SH SD (F)	
*2229 1535 50.0 18.5 70					39.5	03-53	11-55	8	8	160	SH GRAVEL (F)	*ESTIMATED
2208 1280 25.0 20.0 90						04-56		4	4	40	PENN SD, PRDD (8)	*ESTIMATED
2209 1420 22.0 20.0 80						12-56		5	4	40	PENN SD, PRDD (8)	*ESTIMATED
2234 1660 10.0 15.5 25					37.0	11-58		17	10	100	GRAV, PROD (M)	*ESTIMATED +INCL WITH 2236
2235 1550 28.0 17.0 35					37.0	11-58		17	10	100	GRAV, PROD (M)	*ESTIMATED +INCL WITH 2236
2236 990 30.0 19.3 200					37.0	11-58		16	10	100	GRAV BED, PROD (M)	*ESTIMATED +INCL 2234, 2235
2241 1580 35.0 18.0 100					35.0	07-59		10	4	45	BUCHANAN SD, PROD (8)	*ESTIMATED
2244 1575 25.0 18.0 80					38.0	06-59		9	10	150	PENN SD, PROD (8)	*ESTIMATED
2245 1550 28.0 17.0 35					39.0	10-60		8	6	50	RIVER, PROD (M)	*ESTIMATED +INCL 2246
2246 1660 10.0 16.5 25					39.0	10-60		8	6	50	RIVER, PROD (M)	*ESTIMATED +INCL WITH 2245
2252 1320 20.0 19.0 120						08-58		4	4	40	PENN SD, PROD (8)	
2253 1420 20.0 20.0 80						12-56		3	4	40	PENN SD, PRDD (8)	*ESTIMATED
2262 1650 25.0 18.0 130						12-60		8	4	80	PENN SD, PROD (8)	*ESTIMATED
2270 1545 25.0					37.0	07-61		3	5	60	SH SD, PROD (M)	*ESTIMATED
1670 10.0								3	5	60		
2276 1564 20.0 16.9 41					38.5	02-63		8	8	80	SH SD, PROD (M)	*ESTIMATED
1690 12.0 15.0 17										80		
2207 1412 8.0 13.5 9						05-53		10	10	200	BRIDGEPORT, PRDD (8)	*ESTIMATED
1577 11.0 21.0 40								10	10	200		
1622 16.0 18.5 46								8	7	150		
*2205 1600 6.0						03-56	09-58	1	1	20	RIVER GRAVEL (F)	
*2206 1625 18.0 17.2 80					37.8	06-52	12-60	44	36	750	SH SD, PROD (M)	*ESTIMATED
*2280 1586 16.0 16.7 21					38.0	04-63	12-67	1	1	10	PRODUCED (8)	
1746 12.0 16.0 27								1	1	10		
2211 860 25.0 22.3 15					37.0	01-55		10	8	25	GRAV, PROD (M)	*ESTIMATED +INCL WITH 2212
2212 1400 18.5 17.3 18					37.0	01-55		4	8	25	GRAV, PROD (M)	*ESTIMATED +INCL 2211
2240 998 24.0 21.0 398					29.5	08-59		2	5	70	LAKE, PRDD (M)	*ESTIMATED
1648 15.0					39.8			1	3	40		
2224 1600 12.0 17.0 50					36.0	01-67		3	8	80	SH WELL (F)	*ESTIMATED
1700 8.0 15.0 35								1	3	40		
2225 1530 20.0 18.0 100					36.0	02-67		1	1	20	PRODUCED (8)	*ESTIMATED
1630 15.0 16.0 50								1	1	20		
1780 10.0 15.0								1	1	20		
2226 1550 12.0 18.0 100						12-65		1	2	5	PRDDUCED (8)	*ESTIMATED
1650 10.0 16.0 70								1	2	5		
2227 1600 15.0 18.0 75					36.0	01-66		1	2	10	PRDDUCED (8)	*ESTIMATED
1725 10.0 15.0 50								1	2	10		
2277 975 10.0 19.0 350					35.0	02-64		1	2	40	SH SD (F)	*ESTIMATED
1775 8.0 14.0 25					39.0			4	7	100		
2281 1019 15.0						06-62		1	2	30	SH SD, GRAVEL (F)	*NO DATA 1965-71
2275 850 20.0 21.0 131					30.9	11-56		4	6	50	BUCHANAN, PROD (8)	*ESTIMATED
1440 20.0								5	7	60		
2213 1375						01-52		160+	150+	1600	+PRDD, FRESH WSW (M)	*JUDY, WESTALL, KING, SUTTON, KIMMEL
1430 10.0								560+	550+	5600	+	8DYD, MIDDAGH, NEWELL, MDDRE, THORN
1530 10.0								220+	220+	2400	+	GDULD, SEED, GRAY, RYAN, LEIGHTY,
1600 8.0								30+	30+	300	+	JENNER *ESTIMATED
2214 800 30.0					35.6	08-48		163	228	1976	GRAV, PROD (M)	*ROBINS, JOHNSON, KLINGLER, COOPER,
												BALTZELL, LEWIS, CLARK, FINLEY, GEE
2216 1700 20.0				1500		11-56		27	51	1637	GRAV, PROD (M)	*APPLEGATE, WILLIAMS, GILLESPIE, VANDERMARK
2247 1350 13.0						09-71		11	10	290	PROD & FRESH (M)	
2279 1230 16.0 17.0 400						08-64		21	24	547	GRAV, PROD (M)	
*2204 1240 10.0 19.0 80					34.7	09-52	12-67	15	16	180	GRAV, PRDD (M)	
1350 15.0 17.0 30								8	8	60		
1635 3.0 23.0 40								10	10	40		
2210 1330 6.0 18.0 40						06-56		8	8	80	PENN SD, PRDD (8)	
1390 23.0 19.0 20								8	8	80		
1470 18.0 17.0 20								2	1	30		
2219 1530 12.0 16.0 30						08-66		4	6	50	PENN SD, PROD (8)	
1620 10.0 15.0 20								4	5	40		
*2249 1775 15.0 20.0 175						08-59	01-66	1	4	40	PENN SD, PRDD (8)	
*2251 1450 20.0 18.0 50						03-59	02-71	1	1	60	PENN SD, PROD (8)	
1630 10.0 12.0 10							07-66	2	2	20		
2254 1450 6.0 19.0 80						03-68		1	1	10	PENN SD, PROD (8)	MDST OF THE WATERFLOOD EFFECT
1500 20.0 19.0 80						09-59		3	3	70		HAS BEEN IN JACKSON AND CYPRESS
1575 10.0 16.0 35						09-59		3	5	70		
1650 13.0 15.0 25						09-59		8	6	70		
2285 1550 17.0 18.0 50						11-63		5	8	80	PENN SD, PROD (8)	
1660 12.0 15.0 20								5	7	80		
*2243 1650 20.0 18.0 80					38.0	06-59	03-66	2	1	80	PENN SD, PROD (8)	*1966 DATA ESTIMATED
2273 1535 15.0 18.5 40					30.0	12-62		7	8	180	BUCHANAN, PROD (8)	*ESTIMATED
1650 10.0 18.0 15								6	5	120		
2274 1590 14.0 18.5 40					30.0	11-62		4	7	100	BUCHANAN, PRDD (8)	*ESTIMATED
2237 1460 6.0 20.0 85					38.0	07-58		1	2	30	PENN SD, PROD (8)	DATA 1-59 TO 1-61 AND 1-62 TO
1550 14.0								3	8	130		10-65 EST
1680 20.0								1	1	20		
*2230 1580 25.0 21.2 125					38.6	10-52	01-55	1	2	10	TAR SPR, PRDD (8)	
2222 1610 9.0					36.0	02-66		1	2	30	PENN SD, PROD (8)	*NO DATA 1971
*2217 1800 12.1 17.1 70					38.0	10-56	12-66	20	18	313	TAR SPRINGS (8)	
2288 1550 15.0						01-67		17	20	350	PENN SD, GRAV (M)	*ESTIMATED
1620 10.0								19	25	450		
2203 2000 18.0 17.5 45					37.0	09-70		4	10	110	PENN SD (8)	*ESTIMATED
2202 900 14.0 18.0 125					36.0	02-55		19	10	100	BUCHANAN SD, PRDD (8)	
1350 20.0 13.0 100								19	10			
2220 1570 28.0 17.9 64					37.0	12-65		4	1	60	GRAVEL BED (F)	
1670 9.0 15.9 37								2	2	40		

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County	General information				Production and injection statistics (M bbls)					
	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production	
					Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71
LAWRENCE, LAWRENCE, CRAWFOPO (CONTINUED)										
2220 WAYNE SMITH, OP.			BENOIST							
2221 WAYNE SMITH, OP.		OSCAR LEIGHTY	CYPRESS	31-3N-11W	204	921	13.0	53	190	849
2233 WAYNE SMITH, OP.		PEPPLE	CYPRESS	30-4N-12W	36	9472	2.1	981	40	4362
			BETHEL							
2238 WAYNE SMITH, OP.		L M SEED	CYPRESS	21-3N-12W	192	985	3.0	12	50	50
2256 WAYNE SMITH, OP.		BREEN	CYPRESS	24,25-4N-13W	8	2571	0.4	176	4	993
			BETHEL							
2259 WAYNE SMITH, OP.		WHITTAKER AREA	CYPRESS	2,10,11-3N-12W	392	10024	40.0	1284	431	4230
			BETHEL							
2260 WAYNE SMITH, OP.		E J SEED	JACKSON	15,16,22-3N-12W	208	1037	24.3	84	50	50
			CYPRESS							
2265 WAYNE SMITH, OP.		PIPER-DKOLL AREA	JACKSON	1,2-4N-13W,36-5N-13W	745	10037	70.2	1371	675	3609
			CYPRESS							
2272 WAYNE SMITH, OP.		HAYWARD AREA	CYPRESS	25,26-3N-12W	371	2656	26.8	580	345	2013
			BETHEL							
*2286 WAYNE SMITH, OP.		BUCHANAN AREA	BRIDGEPORT	2-2N-12W		190		1		2
*2289 WAYNE SMITH, OP.		W.F. GOULD UNIT	CYPRESS	31-3N-12W		1930		5		1539
2223 TEXACO, INC.		LAWRENCEVILLE FEE	CYPRESS	7,18-3N-11W	201	362	3.7	8	29	55
2257 WALKER ORLG CO.		LEWIS	CYPRESS	24-3N-12W	100*	600	12.0*	90	100*	600
2239 ZANETIS OIL PROP		WAYNE HEIRS	AUX VASES	28-3N-11W	28	243	3.2	28	28	243
			MCCLOSKEY							
*2264 ZANETIS OIL PROP		CASSIL	CYPRESS	36-4N-13W		62		57		197
2282 ZANETIS OIL PROP		CAPLSON	CYPRESS	15-3N-12W	354	2425	24.8	284	354	1318
			BETHEL							
			MCCLOSKEY							
2283 ZANETIS OIL PROP		HUDSON WF	CYPRESS	18-3N-11W	108	483	3.7	41	108	483
LAWRENCE W, LAWRENCE										
*2250 ACME CASING		S SUMNER UNIT	BETHFL	14,23,24-3N-13W		1191		186		285
LEXINGTON, WABASH										
335B SO. TRIANGLE CO.		LEXINGTON U	MCCLOSKEY	26-1S-14W	377	1027	1.7	6	1	4
LILLYVILLE, CUMBEPLAND, EFFINGHAM										
704 ROYALCO, INC.		KRCGMAN	MCCLOSKEY	31-9N-7E	213	1380	19.7	216	98	398*
LIVINGSTON, MADISON										
*2500 WILLIAM H. KROHN		KROGER	PENN	17-6N-6W		67		3		
*2501 M. W. MCCONNELL		C. AND C. HENKE UNIT	PENN	17,20-6N-6W		104		25		
*2502 CHARLES P. WOOD		KRCGER	PENN	17-6N-6W		37*		3*		
LIVINGSTON S, MADISON										
2507 M. J. WILLIAMS		BLOM-FLOWLER-RUEHRUP	PENN	27-6N-6W	30*	583	7.3*	64		
LOCUST GROVE, WAYNE										
*085 ZANETIS OIL PROP		DAUS 8	AUX VASES	31-1N-9E	65	252	3.5	18	3	6
LOUDEN, EFFINGHAM, FAYETTE										
*1201 W. L. BELDEN		HINTON U	CYPRESS	32-7N-3E		100		11		
1202 W. L. BELDEN		UNIT 25	CYPRESS	24,25-8N-3E	415	5677	6.6	544*	350	5363
1209 W. L. BELDEN		B. F. OWENS	CYPRESS	9-7N-3E		757		215		1038
1213 W. L. BELDEN		E.C. SMITH	CYPRESS	20-7N-3E	174	526	7.2	805*		1859
1226 W. L. BELDEN		SATHER	CYPRESS	16,17-7N-3E	239*	597	23.4*	283	100*	201
1203 O. L. BURTSCHI		O.L. BURTSCHI U	CYPRESS	18-7N-3E	75*	765*	9.3*	196*	75*	245
1205 OORAN OIL PROP.		STEWART AND DIAL	CYPRESS	6-7N-3E	25*	874	1.5*	113	30*	183*
1242 OORAN OIL PROP.		LAUPA LOGUE	CYPRESS	18-7N-3E	32*	160	3.0*	61	32*	160
1206 GENERAL AMERICAN		OEVORE COOP	CYPRESS	1-7N-2E	149	1400	10.1	353	149	1400
1244 A. L. HERMANN		LILLY	CYPRESS	16-8N-3E	337	2884	80.0	857	298	1633
			BETHEL							
1225 L. B. HOSS		EMERSON	CYPRESS	31-8N-3E	10*	50	0.7*	9	10*	131
1235 L. B. HOSS		H. LOGUE	CYPRESS	18-7N-3E	31*	653	1.4*	29	35*	298
			BETHEL							
1248 L. B. HOSS		RHOODES	CYPRESS	18-7N-3E	90*	454	14.4*	152	95*	527
*1249 L. B. HOSS		BUZZARD	CYPRESS	3-7N-3E				199		1850
1241 R. L. HOSS		ARNOLD-MORSE-SEALOCK	CYPRESS	19-7N-3E	250*	1814	56.1*	461	250*	1647
1232 HUGHES PROD.		HOPPER-TOWNSEND-MCLRY	CYPRESS	12-7N-2E	157	2174	15.7	597	214	2411
1204 HUMBLE O AND R		LOUDEN	CYPRESS	T 7,8,9N-R 2,3,4E	48043	697536	3162.6	120754	34745	339261
			BETHEL							
			BENOIST							
*1223 HUMBLE O AND R		LOUDON DEVONIAN	AUX VASES	2,10,11,15,20,21,22, 27,28,29,32,33-8N-3E		207361		19241		184970
			DEVONIAN							
*1207 JARVIS BROS.		HOMAN	CYPRESS	29,31,32-7N-3E		16305	5.0	1931	87	11639
*1208 JARVIS BROS.		YAKY	CYPRESS	6-7N-3E		2832		286		1923
			BETHEL							
1230 JARVIS BROS.		SINCLAIR	CYPRESS	29-8N-3E	273	3530	19.7	679	273	3468
			BETHEL							
1243 JARVIS BROS.		WELKER	CYPRESS	31-7N-3E	50	1154	18.1	580	226	3021
*1234 KINGWOOD OIL CO.		WELKER	CYPRESS	13-7N-2E		115		2		23
1214 KOONS & FRANK EXPL		HOMAN	CYPRESS	29-7N-3E	70*	3587	10.5*	556	100*	3577
1247 KCCNS & FRANK EXPL		KIMBRELL-GOOD	CYPRESS	19-7N-3E	15*	1075*	14.6*	200*	15*	770*
1210 L V O CORPORATION		YOLTON	CYPRESS	12-7N-2E,7-7N-3E	245*	2818	19.2*	691	208*	1831
1211 L V O CORPORATION		YOLTON	BETHEL	12-7N-2E,7-7N-3E	30*	408	1.0*	28	4*	78
1228 L V O CORPORATION		SMITH	CYPRESS	13-7N-2E	160*	1511	5.4*	201	140*	976
1236 M-S-C- CORP		O.L. BURTSCHI	CYPRESS	18-7N-3E	65*	1581	16.2*	229	90*	1150
			BETHEL							
1237 M-S-C- CORP		SEFTON	CYPRESS	1,12-7N-2E	50*	774	6.2*	243	92*	854
1217 W. C. MCBRIDE		STOKES-WEILER	CYPRESS	14-8N-3E	87	2402	5.2	421	106	1028
1233 W. C. MCBRIDE		SAPP	CYPRESS	18-7N-3E	182	1361	4.5	149	73	406
1216 MOBIL OIL CORP.		RHOODES-WATSON	CYPRESS	27,33,34-8N-3E	427	5055	18.1	1043*	327	3312
			BETHEL							
			BENOIST							
1224 MOBIL OIL CORP.		LOUDEN	CYPRESS	5-7N-3E, 32-8N-3E	1736	21739	90.4	4745*	1629	12990
			BETHEL							
			BENOIST							
1227 MOBIL OIL CORP.		BUZZARD BROS.	CYPRESS	29-8N-3E	158	1502	13.5	198*	168	1240



TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71				Injection water		Remarks	
	Depth (ft)	Net pay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (*API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source		Type
								Inj.	Prod.		SD = Sand GRAV = Gravel PROD = Produced SH = Shallow		(F) = Fresh (B) = Brine (M) = Mixed
LAWRENCE, LAWRENCE, CRAWFORD (CONTINUED)													
	2220	1730	9.0	12.5	2			3	4	80			
	2221	1650	15.0	16.5	50	39.0	01-66	5	7	60	RIVER GRAV, PROD (M)		
	2233	1400	30.0	18.0	75	37.0	06-57	21	17	130	BUCHANAN SD, PROD (B)		
		1650	20.0	14.0	10	39.2		6	7	50			
	2238	1630	22.0	74.0	18	33.0	03-67	3	1	20	SH SD (F)		
	2256	1530	20.0	16.0	47	37.0	05-60	6	5	70	BUCHANAN SD, PROD (B)		*INCL DROPPED PROJ 2255
		1675	20.0	12.0	5	37.0		6	5	70			
	2259	1520	20.0	18.0	35		11-60	26	26	650	RIVER, PROD. (M)		
		1630	15.0					26	26	650			
	2260	1500	5.0				02-61	3	2	40	SH SD (F)		
		1590	16.0					1	2	30			
	2265	1310	12.0	18.0	30	38.0	12-61	22	24	500	RIVER, PROD (M)		
		1400	10.0	18.0	35	38.0		21	23	480			
	2272	1575	25.0	16.0	20	39.5	12-63	6	16	120	BRIDGEPORT, PROD (B)		
		1650	14.0					6	16	120			
	*2286	950	40.0	19.0	100	31.0	07-63	2	2	40	SH SD (F)		
	*2289	1590	20.0	19.0	75	30.0	09-65	8	8	180	PENN SD, PROD (B)		*NO DATA 1967
	2223	1560	10.0	17.0	20	37.0	02-70	3	6	200	PROD, SUPPLY (M)		
	2257	1580	20.0				06-67	9	7	160	PENN SD (B)		*ESTIMATED
	2239	1838	8.0	20.0	2	38.5	03-65	1	3	50	PRODUCED (B)		
		1919	5.0	15.0	23			1	3	50			
	*2264	1640	19.0			38.6	09-62	1	3	40	SH SD, PROD (M)		
	2282	1516	31.0	16.0	14	36.7	07-64	9	9	180	PRODUCED (B)		
		1622	22.0					1	2	40			
		1770	5.0	15.0	2			2	4	100			
	2283	1597	18.0	20.8	121	36.1	05-64	2	4	40	PRODUCED (B)		
LAWRENCE W, LAWRENCE													
	*2250	2040	10.0	17.2	36	35.0	12-59	01-66	8	9	297	SH SD, PROD (B)	
LEXINGTON, WABASH													
	3458	2950	9.0	14.0	600	39.0	05-68	2	1	50	SH SD (F)		
LILLYVILLE, CUMBERLAND, EFFINGHAM													
	704	2450	8.0			35.0	05-57	3	4	40	PROD (B)		*1965-67 DATA ONLY
LIVINGSTON, MADISON													
	*2500	520	15.0			33.5	07-54	12-57	2	5	80	BENOIST, A.V. SDS (B)	
	*2501	525	22.0	16.0		36.0	05-52	12-70	10	10	80	SALEM, PROD (B)	
	*2502	520	20.0			37.0	05-59	08-68	1	3	160	AUX VASES (B)	*NO DATA SINCE 1962
LIVINGSTON S, MADISON													
	2507	545	35.0	22.8	1421	35.0	10-63		5	7	150	SH SD (F)	*ESTIMATED
LOCUST GROVE, WAYNE													
	4085	3180	10.0			39.0	08-66	1	2	20	CYPRESS (B)		
LOUDEN, EFFINGHAM, FAYETTE													
	*1201	1584	20.0	17.4	126	34.0	09-56	01-63	1	1	20	PRODUCED (B)	
	1202	1530	15.0			34.0	10-57		7	11	240	TAR SPR, PROD (B)	*INCL PRIM PROD
	1209	1450	27.0			38.0	09-54		1	3	40	TAR SPR, PROD (B)	*INJ SUSPENDED 01-01-69
	1213	1400	20.0	21.0	150	38.0	07-57		4	6	100	TAR SPR, PROD (B)	*ESTIMATED
	1226	1480	30.0				09-68		2	9	140	TAR SPR, PROD (B)	*ESTIMATED
	1203	1475	30.0				08-56		1	1	20	PURCHASED (B)	*ESTIMATED
	1205	1522	20.0	19.0	90	38.0	07-57		3	3	40	TAR SPR, PROD (B)	*ESTIMATED
	1242	1550	15.0			35.0	08-63		2	2	35	PRODUCED (B)	*ESTIMATED
	1206	1454	10.0	18.0	43	37.0	07-57		1	7	100	PRODUCED (B)	
	1244	1475	22.0			35.5	08-64		6	5	118	TAR SPRINGS (B)	
		1555	22.5					6	5	118			
		1610	27.5					3	2	50			
	1225	1500	12.0	19.0		37.0	01-59		1	1	10	PRODUCED (B)	*ESTIMATED
	1235	1475	26.0	19.0		37.0	11-61		1	1	20	PURCHASED (B)	*ESTIMATED
		1580	15.0	19.0				1	1	20			
	1248	1530	20.0	19.0		38.0	01-65		1	4	40	TAR SPR, PROD (B)	*ESTIMATED
	*1249	1550	30.0	19.0	150	38.0	06-60	12-69	1	3	40	TAR SPR, PROD (B)	
	1241	1490	68.0	20.0		38.0	11-59		1	9	50	PUPCHASED (B)	*ESTIMATED
	1232	1505	25.0			36.0	08-57		5	7	100	TAR SPR, PROD (B)	
	1204	1500	18.5	19.5	102	38.0	10-50		732	811	14700	TAP SPR, PROD (B)	
		1580	11.6	19.3	85			360	400	7770			
		1620	15.4	19.1	109			260	280	5890			
		1660	14.1					25	25	541			
	*1223	3100	19.0	14.4	41	29.0	09-43	12-66*	7	42	2600	PRODUCED (B)	*CONVERTED TO GAS STORAGE RESERVOIR
	*1207	1552	37.0	18.0	200		03-54	08-70	2	3	320	PRODUCED (B)	
	*1208	1400	18.0				11-57	12-69	2	1	70	TAR SPR, PROD (B)	
		1540	27.0						2	1	70		
	1230	1446	25.0				08-60		4	4	80	PRODUCED (B)	
		1528	25.0						4	4	80		
	1243	1530	40.0				11-56		2	4	80	TAR SPR, PROD (B)	
	*1234	1558	11.0				05-62	12-69	1	1	10	TAR SPR, PROD (B)	
	1214	1595	28.0			36.0	08-55		3	2	80	TAR SPR, PROD (B)	*ESTIMATED
	1247	1534	22.0				01-59		1	7	80	TAR SPR, PROD (B)	*ESTIMATED 1967-71
	1210	1504	30.0				08-57		4	4	85	TAR SPR, PROD (B)	*ESTIMATED
	1211	1540	29.0				07-57		1	1	40	TAR SPR, PROD (B)	*ESTIMATED
	1228	1504	25.0				01-58		2	3	40	TAR SPR, PROD (B)	*ESTIMATED
	1236	1550	15.0			39.0	09-53		4	8	60	TAR SPR, PROD (B)	*ESTIMATED
		1580	12.0						4	7	60		
	1237	1560	20.0			39.0	08-57		2	3	50	TAR SPR, PROD (B)	*ESTIMATED
	1217	1480	25.0	19.4	93		03-56		3	3	60	TAR SPR, PROD (B)	
	1233	1400	30.0	19.0	95		11-62		4	2	40	TAR SPR, PROD (B)	
	1216	1500	12.0	18.6	91	37.5	06-57		12	5	120	TAR SPR, PROD (B)	*INCL PRIM PROD SINCE 6-57
		1560	11.0						2	4	60		
		1580	12.0						4	5	90		
	1224	1450	18.0	18.4	101	37.0	01-58		24	12	240	TAR SPR, PROD (B)	*INCL PRIM PROD SINCE 1-58
		1525	20.0						12	12	240		
		1550	40.0						12	12	240		
	1227	1400	20.0	18.4	102	38.3	10-59		2	2	40	TAR SPR, PROD (B)	*INCL PRIM PROD SINCE 10-58

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County	General Information				Production and injection statistics (M bbls)					
Project no. * = ABD. + = P. M.	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production	
					Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71
LOUDEN, EFFINGHAM, FAYETTE (CONTINUED)										
1227 MOBIL OIL CORP.			BETHEL							
*1212 SHULMAN BROTHERS	LOUDEN EXTENSION		CYPRESS	34,35,36-8N-3E, 2,3-7N-3E		35840		3208*		23587
1229 TEXACO, INC.	LOUDEN SOUTH UNIT		CYPRESS	6-6N-3E,31-7N-3E	2307	14182	37.1	630	1750	16860
1108 TROOP DRILLING	LOUDEN EXTENSION		CYPRESS	19-8N-4E	68	568	8.2	96	18	134
1200 TROOP DRILLING	RHOODES, MCCLOY		CYPRESS	26,27,34-8N-3E	158	5154	6.4	674	158	3097
			BETHEL							
			BENOIST							
1218 TROOP DRILLING	N. LOUDEN U		CYPRESS	20,21-7N-3E	287	18692	5.4	1606	384	13572
1219 TROOP DRILLING	S. LOUDEN U		CYPRESS	21,28,29-7N-3E	372	15022	13.4	2133	497	11530
1220 TROOP DRILLING	OURBIN, FORCE AREA		CYPRESS	24,26-8N-3E	51	2003	2.8	319*	51	720
1221 TROOP DRILLING	HIATT		CYPRESS	29-7N-3E	116	2433	3.5	473	116	2322
1231 TROOP DRILLING	W A EAGLETON		CYPRESS	20-8N-3E		41	3.5	62	15	100*
1215 HERBERT WALKER	KOBERLIEN		CYPRESS	30-7N-3E	145*	2388	6.1*	502	220*	1472
LOUISVILLE N, CLAY										
373 MCKINNEY,FUNDERB	WOLF-PORTER		SPAR MTN	9,10-4N-6E	15	15	0.9	1	10	10
MCKINLEY, WASHINGTON										
*4011 JET OIL CO.	FREIMAN-HUNLETH		BENOIST	29-3S-4W		151		1		152
MAIN C, CRAWFORD, LAWRENCE, JASPER										
* 667 H. J. ADAMS	H.J.ADAMS W F		ROBINSON	28-8N-12W		1058				
* 602 ASHLAND O AND R	BIROS 1		ROBINSON	9,10,15,16-5N-11W		19507		536		
* 603 ASHLAND O AND R	BIROS 2		ROBINSON	20-5N-11W		2512		114		605
604 BELL BROTHERS	BARRICK		ROBINSON	13-7N-13W		1975	1.3	139	6	861
606 DONALD BERTRAM	GROGAN (FLOOD 26)		ROBINSON	4,5,9-7N-13W	220*	5764	15.8*	409		
611 DONALD BERTRAM	OBLONG (FLOOD 25)		ROBINSON	5,8,9-7N-13W	200*	8623	8.0*	614		
669 DONALD BERTRAM	OBLONG (FLOOD 27)		ROBINSON	8-7N-13W	52*	1258	6.8*	167		
670 DONALD BERTRAM	STIFLE		ROBINSON	8-7N-13W	80*	2930	1.7*	51		
691 DONALD BERTRAM	OBLONG (FLOOD 29)		ROBINSON	17-7N-13W	20*	170	3.7*	63		
619 CARMAX INC	ALEXANDER-REYNOLDS		ROBINSON	19,20-7N-12W		8450		602		2095
644 CARMAX INC	CRAWFORD CO. FLOOD		PENN	6,7-5N-12W	106	355	7.1	23	63	305
			BETHEL							
* 589 CLARENCE CATT	SPARKS WF NO. 1-M		BETHEL	13-6N-12W		258		11		119
* 616 CLARENCE CATT	MC CALL		ROBINSON	1-5N-13W		6		1		6
643 CLAPENCE CATT	EAGLETON UNIT		SAMPLE	1-5N-13W	100*	463	6.6*	19	60*	108
			BETHEL							
646 CITATION OIL CO	CONOVER		ROBINSON	19-7N-12W	36	36				
* 695 JACK COLE	MULLINS		ROBINSON	9-5N-12W		15		8		11
* 609 E. CONSTANTIN	J.S. KIRK		ROBINSON	29,30,31,32-7N-12W		977		57		
* 610 E. CONSTANTIN	SMITH		ROBINSON	7-7N-12W, 12-7N-13W		337		1		1
* 607 CREST ASSOCIATES	MITCHELL		ROBINSON	24,25-7N-13W		935*		107*		125*
* 615 CREST ASSOCIATES	PORTERVILLE		ROBINSON	25,36-8N-13W		1345		44		
598 ALVA C. DAVIS	HUOSON WF		BETHEL	6-5N-12W	98	556	3.3	19	61	179
* 612 O. W. FRANCHOT	BIROS		ROBINSON	14,15,16,21,22-5N-11W	1440	53049	11.7	1529	800	4250
617 R. M. FRY	WRIGHT FLOOD C		ROBINSON	23,26-6N-13W	250*	7855	8.5*	284	225*	5160
693 R. M. FRY	SHILTS FLOOD C		ROBINSON	8-6N-13W	320*	2909	6.8*	62	190*	1332
599 OON GAY	GEORGE L. WALTERS		ROBINSON	2-6N-13W	180*	1287	3.0*	23	120*	385
* 614 GEN. OPERATIONS	LITTLEJOHN		ROBINSON	20-6N-12W		699		34		179
594 GETTY OIL CO	A.W. MANN		ROBINSON	5,6-5N-12W,32-6N-12W	731	7373	25.9	399	568	4335
			BETHEL							
596 GETTY OIL CO	STIFLE-MCKNIGHT		ROBINSON	7,18-7N-13W	308	1644	21.4	148	195	939
597 GETTY OIL CO	ALLEN-AMES DEEP		BETHEL	29-7N-13W	470	935	92.7	167	147	254
			AUX VASES							
			STE GEN							
630 GETTY OIL CO	BIRCH 1		ROBINSON	14-6N-13W	472	5090	11.7	452	287	3035
631 GETTY OIL CO	BIROS AREA		ROBINSON	16,20,21,28,29-5N-11W	1402	30869	35.1	1468	1143	19103
632 GETTY OIL CO	BARRICK-WALTERS		ROBINSON	18,19-7N-12W, 13,24-7N-13W	1992	27477	46.9	1706	1206	12763
633 GETTY OIL CO	GOOD-HAWS		ROBINSON	16,17,21,22-6N-13W	1013	8104	21.7	609	527	5151
634 GETTY OIL CO	HOWARD		ROBINSON	11-7N-13W	280	5713	5.4	461	328	5213
635 GETTY OIL CO	AMES		ROBINSON	29-7N-13W	395	2434	11.2	264	157	2231
636 GETTY OIL CO	OENNIS-HARDIN		ROBINSON	27,34-6N-13W	777	10086	12.2	817	304	7082
637 GETTY OIL CO	THOMPSON		ROBINSON	26,27-6N-13W	198	2042	6.8	248	119	2106
641 GETTY OIL CO	STIFLE-DRAKE		ROBINSON	9,10,16-7N-13W	245	8369	5.2	564	248	5788
645 GETTY OIL CO	M DRAKE		BETHEL	17-7N-13W	12	12	2.0	2	3	3
			AUX VASES							
668 GETTY OIL CO	HIGHSMITH		ROBINSON	20,21-6N-12W	465	5050	10.6	236	247	2552
696 GETTY OIL CO	WALTERS-STANTZ		ROBINSON	14,15-7N-13W	89	938	3.0	58	39	597
621 ILL. LSE. OP.	SIEHR-NEWLIN-MOUSER		ROBINSON	19-7N-13W	36	288	1.7	27	13	110
613 ILL O & G INV CO	CULVER WATERFLOOD		ROBINSON	5,6,7-7N-12W	200*	4691	6.0*	189		
659 INLAND OIL CO	SANDERS		ROBINSON	26,34,35,36-6N-13W, 1,2,3-5N-13W		6386*		110*		1661*
* 618 G. JACKSON	STANFIELD		ROBINSON	17-8N-12W		47				5
590 PERRY LACKEY	QUICK HRS HARTLERDAD		ROBINSON	29-7N-12W	30	368	2.4	50	30	250
620 THE MACDONELL CO	CONDREY AREA		ROBINSON	6,7-7N-13W	255	1070	27.7	176	242	1146
671 THE MACDONELL CO	KIRTLAND U		ROBINSON	5-6N-13W	433	6019	6.2	160	140	1635
672 THE MACDONELL CO	KIRTLAND-OEE		ROBINSON	5,6-6N-13W	737	10625	39.5	779	897	9082
623 MARATHON OIL CO.	16 PROJECTS*		ROBINSON	T6,7,8N-R12,13,14W	16855	380398	605.2	27483	11632	232850
MARATHON OIL CO.										
698 MARATHON OIL CO.	THORNTON WF 21-M		BETHEL	17,18,19,20,29-7N-13W	2047	11583	293.4	1878	1235	5352
			AUX VASES							
			STE GEN							
* 592 MT. CARMEL ORLG.	NEW HEBRON WATERFLOOD		ROBINSON	22-6N-12W	122	1562	6.8	113	88	887
* 593 MT. CARMEL ORLG.	STEWART-INBOOEN		BETHEL	36-6N-12W		133		5		32
688 CLARENCE NESLER	OBLONG		ROBINSON	9-7N-13W	162	712*	10.5	7*	162	712
* 624 PARTLOW, COCHNOR	RICH		ROBINSON	35,36-6N-12W		2716		67		1134
* 662 PETROL. PROD. CO	RHOODES		ROBINSON	29,32-8N-12W		445				
608 PRUDENTIAL OIL	TOHILL-HUGHES		ROBINSON	27,28-6N-13W	70*	5925	7.0*	302	70*	4070
* 625 RED HEAD OIL CO.	DIM		ROBINSON	25,26-7N-13W		4220*		105*		1103*
* 663 REE, INC.	MESERVE UNIT		ROBINSON	11-6N-13W		251		1		39
* 626 E. C. REEVES	BILLINGSLEY COOP		ROBINSON	34,35-7N-13W		2736*		89*		92*
* 605 M. F. ROBERTS	BISHOP C		ROBINSON	19,20-8N-12W		2208		35		
647 ROYALCO, INC.	OBLONG BENOIST		BETHEL	19,20,29,30-7N-13W	46	46	55.0	214	46	46



TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71				Injection water			Remarks
	Depth (ft)	Netpay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (*API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source	Type	
								Inj.	Prod.		SD = Sand GRAV = Gravel PROD = Produced SH = Shallow	(F) = Fresh (B) = Brine (M) = Mixed	
LOUDEN, EFFINGHAM, FAYETTE (CONTINUED)													
1227	1420	20.0						2	2	40			
*1212	1530	30.0	20.0	200	36.0	12-55	12-68	46	48	416	TAP SPR, PPOD (B)		*INCL PPIM PROD SINCE 12-55
1229	1600	25.0	18.5		37.0	05-60		19	20	632	PRODUCED (B)		
1108	1550	8.0			36.7	01-63		3	6	200	TAP SPP, PPOD (B)		
1200	1515	12.0			37.5	01-54		1	1	20	PPODUCED (B)		
	1570	12.0						4	4	80			
	1590	10.0						6	6	120			
1218	1550	21.0	21.0	180	37.5	11-56		5	5	250	TAP SPR, PROD (B)		
1219	1550	18.4	20.4	164	37.5	03-55		7	7	350	PRODUCED (B)		
1220	1493	30.0			37.5	10-56		2	2	160	PRODUCED (B)		*INCL PRIM PROD SINCE 10-56
1221	1536	40.0	19.0	250	37.2	09-56		2	2	40	PRODUCED (B)		
1231	1520	6.0			39.4	04-61		1	2	40	TAP SPR, PPOD (B)		*SINCE 1-65
1215	1590	30.0				05-57		4	5	80	TAR SPR, PPOD (B)		*ESTIMATED
LOUISVILLE N, CLAY													
373	2800	10.0				11-70		1	2	30	CYPRESS (B)		
MCKINLEY, WASHINGTON													
*4011	1050	10.0				04-65	07-69	2	2	20	PRODUCED (B)		
MAIN C, CRAWFOPO, LAWRENCE, JASPER													
* 667	1000	22.0	18.5	98		01-58	12-58	5	4	80	LAKE, PPODUCED (M)		
* 602	950	30.0	21.0	136	31.0	05-54	01-64	67	53	530	PENN SAND (B)		
* 603	930	25.0	21.0	125	30.8	03-57	01-66	11	9	200	GRAV, PPROD (M)		
604	960	56.0	19.2	126	34.9	10-54		3	6	40	PENN SD, PROD (B)		
606	950	20.4	18.9	71	37.0	10-53		12	22	151	GPAY, PPOD (M)		*ESTIMATED
611	950	23.2	18.3	69	37.0	08-56		23	29	174	GRAV, PROD (M)		*ESTIMATED
669	950	15.3	17.8	33	37.0	01-58		8	8	87	GRAV, PPOD (M)		*ESTIMATED
670	950	24.4	18.9	85	37.0	01-58		5	2	27	GRAV, PPOD (M)		*ESTIMATED
691	950	15.0	18.6	106	37.0	01-63		1	5	22	GRAV, PROD (M)		*ESTIMATED
619	940	22.0	22.0	167	34.0	12-51		28	29	280	CYPRESS, PROD (B)		*TEMP ABO 8-71
644	1180	7.5	17.6	324	38.0	06-68		1	4	50	PENN SO (B)		
	1380	7.8	17.3	46	36.0			2	9	140			
* 589	1350	7.0				02-64	01-70	1	1	20	PPODUCED (B)		
* 616	820	18.0			32.0	05-66	01-70	1	3	40	PRODUCED (B)		
643	1257	19.0	17.6		33.0	01-68		4	3	80	PRODUCED (B)		*ESTIMATED
	1323	15.0	16.0					4	3	80			
646	930	22.0	19.0	95		06-70		5	6	110	PENN SO (B)		
* 695	925	10.0	20.0	100	33.4	12-52	12-68	2	6	100	PENN SD (B)		
* 609	900	20.0	17.0	170	34.0	08-51	06-69	14	37	56	CITY WATER (F)		*NO DATA SINCE 1960
* 610	900	25.0	18.0	70	34.0	03-54	01-70	6	5	50	SUPFACE (F)		
* 607	890	10.5	21.1	99	33.5	06-53	01-65	13	19	78	PENN SD, PROD (B)		*NO DATA 1963-65
* 615	890	20.0	17.0	47	32.6	04-54	01-70	5	19	50	LAKE (F)		
598	1320	10.0			35.0	04-64		2	1	20	SH SD (F)		
* 612	950	20.0	18.9	162	31.7	06-51	11-71	58	62	1030	RIVER GRAV, PROD (M)		
617	900	15.0	20.0	245	34.0	01-53		9	16	113	PENN, PROD (B)		*ESTIMATED
693	900	10.0	18.0	150	36.0	06-63		6	6	80	PENN, PPOD (B)		*ESTIMATED
599	930	20.0	18.1	141	32.7	10-64		5	7	70	PENN SO, PROD (B)		*ESTIMATED 1969-70
* 614	850	24.0	20.0	50	37.5	10-52	12-58	4	9	60	PENN SO, PROD (B)		
594	950	20.1	20.0	150	33.0	01-64		18	19	140	BASAL PENN, PROD (B)		
	1320	9.0	16.0	40				9	6	80			
596	950	17.3	20.0	100	34.0	04-61		9	9	38	PENN SO, PROD (B)		
597	1332	10.0	14.2	30		01-70		9	5	170	PROD, FPESH (M)		
	1406	5.0	18.0	10				9	6	170			
	1434	4.0	19.6	10				9	5	170			
630	881	34.3	19.1	108	33.0	08-54		10	7	61	GRAV, PROD (M)		
631	950	21.8	19.4	197	30.1	02-52		51	49	764	GRAV, PROD (M)		
632	950	30.9	20.0	152	35.0	03-54		39	36	407	PENN SD, PROD (B)		
633	930	24.3	21.0	378	35.0	09-57		29	18	174	PRODUCED (B)		
634	950	20.2	19.6	184	35.3	02-52		7	9	79	PRODUCED (B)		
635	980	25.3	20.0	150	35.0	10-56		12	10	153	SH SO, PPOD (M)		
636	875	33.7	19.8	173	32.7	03-50		18	10	93	PUPCHASED (B)		
637	860	32.9	19.8	108	33.0	09-52		8	3	40	PURCHASED (M)		
641	990	23.6	18.2	221	33.5	06-52		5	10	278	PENN SO, PROD (B)		
645	1364	8.0			36.8	10-71		6	2	80	SH SD, PPROD (M)		
	1404	6.0						6	2	80			
668	920	21.2	20.0	90	35.0	04-59		11	6	140	PENN SO, PPOD (B)		
696	950	17.1	19.0	200		06-63		5	4	67	PENN SD, PROD (B)		
621	896	36.0				07-63		2	5	180	PENN SO (B)		*NO DATA BEFORE 1967
613	950	17.0	19.5	108	36.8	02-61		13	20	126	POND, PPOD (M)		*ESTIMATED
659	880	20.0	21.0	205	32.0	08-52		65	57	277	PENN SO, PPOD (B)		*NO DATA SINCE 1958
* 618	977	30.0	23.0	57	36.0	06-52	08-53	3	3	20	SH SD, PPROD (M)		
590	935	12.0	19.3	36	37.0	11-64		4	9	60	PPODUCED (B)		*ESTIMATED
620	910	21.0	20.8	165	34.4	11-66		5	29	310	PPODUCED (B)		
671	800	40.0	20.1	143	34.9	01-59		9	7	30	PENN SD, PROD (B)		
672	913	40.0	20.8	158	36.8	01-58		23	61	330	PENN SO, PROD (B)		
623	920	20.0	19.5	125	34.0	05-48		446	429	6176	GRAV, PROD (M)		*WILKIN, HUGHES, BPUBAKEP, HAMILTON HARGIS, PEED, FAWLEY, PRICE SHILTS W700, YORK, KIPLAND, BONO, CARLTON MANN, SHIRE
698	1340	10.0	15.0	30	38.0	07-63		45	43	1410	GRAV, PPOD (M)		
	1390	8.0						45	40	1410			
	1450	9.0						32	25	1050			
* 592	930	14.0	15.8	16	36.0	01-63	10-71	8	14	130	PENN SD (B)		
* 593	1210	10.0	16.0	45	34.0	03-64	07-66	2	2	50	PENN SD, PPROD (B)		
688	980	20.0	40.0	75	36.0	07-52		5	12	200	PRODUCED (B)		*ESTIMATED 1961-70
* 624	1006	22.0	24.3	240	26.0	10-54	12-61	5	9	60	LAKE, PPOD (M)		
* 662	1000	15.0	20.0	75	35.7	09-51	12-56	4	2	40	SH SO, PONO (M)		
608	900	20.0	20.0	100	32.0	06-51		6	9	130	SH SD, PPOD (M)		*ESTIMATED
* 625	840	10.5	21.2	98		07-53	12-62	16	14	103	PENN SD, PPOD (B)		*1960, 1961 ESTIMATED
* 663	950	22.7	21.9	89		11-53	05-55	4	4	20	PENN SD (B)		
* 626	925	20.0	30.0	45		12-53	07-64	6	8	115	PENN SO (B)		*NO DATA FROM 1961 THRU 1964
* 605	1000	22.4	22.1	156	35.7	11-53	02-60*	26	7	70	SH FP, PPROD (M)		*ESTIMATED
647	1250	8.0	16.5	20	38.0	04-71		5	14	360	PRODUCED (B)		

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County	General Information				Production and Injection Statistics (M bbls)						
Project no. * = ABD, + = P. M.	Operator	Project U = Unit	Pay name	Location S - T - R	Water Injection		Oil production		Water production		
					Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	
MAIN C, CRAWFORD, LAWRENCE, JASPER (CONTINUED)											
* 680	ROYALCO, INC.	OAK RIDGE	BETHEL	17-5N-12W		537					12*
* 681	ROYALCO, INC.	OAK RIDGE U	CYPRESS	17-5N-12W		3213		108*			893*
* 685	ROYALCO, INC.	DENNIS HEIRS U	ROBINSON	29,30-7N-13W		22916		1032			8368
* 686	ROYALCO, INC.	C.J. BEST	ROBINSON	20,29-7N-13W		2366		109			874*
* 687	ROYALCO, INC.	STEWART HEIRS	ROBINSON	21-6N-13W		4090		289			2310
* 689	ROYALCO, INC.	HULSE-ALLEN	ROBINSON	12,13-7N-14W		397		75			424*
* 697	ROYALCO, INC.	DEES C	ROBINSON	28-6N-13W		1463		60			858
* 627	SHAKESPEARE OIL	MCINTOSH UNIT	ROBINSON	17,18,19,20-6N-12W		396		18			241
* 628	SHAKESPEARE OIL	MONTGOMERY UNIT	ROBINSON	32,33-6N-12W		516		18			177
				4-5N-12W							
* 664	C. E. SKILES	WALTER COMM COOP	ROBINSON	1-6N-13W, 36-7N-13W		26					29
* 661	SKILES OIL CORP.	CORRELL-GURLEY COOP	ROBINSON	10-7N-12W		1214		30			227
* 665	SKILES OIL CORP.	WEGER COOP	ROBINSON	18,19-5N-11W		770		8			109
				13,24-5N-12W							
* 595	JAMES M. STONE	MC CANE	ROBINSON	28-7N-12W		55		1			12
* 629	JAMES M. STONE	CLARK-HULSE	ROBINSON	18-7N-13W		5726		303			3981
639	JAMES M. STONE	LEFEVER-MUSGRAVE	ROBINSON	13-7N-14W		3389*		402*			1909*
* 638	TIDEWATER OIL CO	HENRY-IKEMIRE	ROBINSON	10,15-7N-13W		4187		470			2401
* 640	TIDEWATER OIL CO	MONTGOMERY-SEITZINGER	ROBINSON	15,16-5N-11W		1544		67			817
* 642	TIDEWATER OIL CO	WALTER-STAHLE COOP	ROBINSON	13,14-7N-13W		991		111			712
* 679	MAUSAU PET. CORP	HIGHSWORTH COOP	ROBINSON	31-6N-12W		153*					37*
591	WESFIELD, INC.	BIOLE	ROBINSON	25-8N-13W		108*	569	3.0*	16	20*	107
622	E. L. WHITMER	DEES-LEWIS-WALL-YOUNG	ROBINSON	4,9-6N-13W							
694	WICHITA RIVER	FLYNN	ROBINSON	26,35-8N-13W		417	3031	29.3	418	326	1578
* 692	GEORGE WICKHAM	PRICE,KEITH,BARLOW	ROBINSON	8,17-7N-12W		1571		59			921
MAPLE GROVE C, EDWARDS, WAYNE											
*1008	ASHLAND O AND R	BENNINGTON COOP	MCCLOSKEY	7-1N-10E		572		166*			
4078	CARMAX INC	MT ERIE E	AUX VASES	22,23-1N-9E	50	84	2.4	8		4	13
1025	L. URBANSKI	MAPLE GROVE	MCCLOSKEY	9,10-1N-10E	30*	1213	2.0*	186		30*	1213
*4127	WINMAR OIL CO.	W BENNINGTON	AUX VASES	13-1N-9E		171*		32*			213
MARINE, MADISON											
2504	WARRIOR OIL CO.	MARINE PILOT U	SILURIAN	8,9,17-4N-6W	138	139	3.0	6	139	141	
MARKHAM CITY, JEFFERSON											
*2004	GULF OIL CO	W MARKHAM CITY U	AUX VASES	3,4,9,10-3S-4E		6404		429			4477
			MCCLOSKEY								
*2003	TIDEWATER OIL CO	NEWTON	MCCLOSKEY	1-3S-4E				1			7
MARKHAM CITY W, JEFFERSON											
*2020	H DOUBLE L	MARKHAM CITY WEST U	MCCLOSKEY	34,35-2S-4E, 2-3S-4E		300		1			300
MARTINSVILLE, CLARK											
214	AMERICAN PUMP	FROEDERMAN AND CONNELLY	PARTLOW	13-9N-14W	36	3686*	1.5	118*			
* 218	J. B. BUCHMAN	W MORGAN	CARPER	31-10N-13W		283					5
* 219	MOBIL OIL CORP.	CARPER	CARPER	30-10N-13W		1111		10*			10
* 220	MOBIL OIL CORP.	CASEY	CASEY	19-10N-13W		872		2			34
MASON N, EFFINGHAM											
1104	MID-STATES OIL PROP	MASON N U	BENOIST	9,10-6N-5E	48*	2067	4.1*	150*	48*	2103*	
			AUX VASES			151					
MATTOON, COLES											
512	ASHLAND O AND R	SOUTH MATTOON UNIT	CYPRESS	34-12N-7E, 3-11N-7E	612	8615	24.6	1134	473	3967	
			AUX VASES								
* 515	ASHLAND O AND R	DEGLER BROS COOP	SPAR MTN			459		22			174
			CYPRESS	3-12N-7E							
507	N. A. BALDRIDGE	UOELL	SPAR MTN	10-11N-7E	45*	281	3.8*	11	45*	281	
* 504	OELL CARROLL	MATTOON	CYPRESS	23-12N-7E		189		20			88
* 506	OELL CARROLL	MATTOON	SPAR MTN	23-12N-7E		348		84			173
516	OELL CARROLL	CARLYLE 4-A	SPAR MTN	11-11N-7E	8*	47	0.3*	25	10*	28	
523	COLLINS BROS.	LANOSHAM-HILL	CYPRESS	27-12N-7E	35*	400	7.1*	56	35*	400	
			SPAR MTN								
503	WALTER DUNCAN	REDMAN-MACKIE	CYPRESS	23-12N-7E	35	353	3.3	61	35	399	
			SPAR MTN								
511	WALTER DUNCAN	OHM	CYPRESS	2,3-11N-7E	274	1909	34.5	327	58	325	
			SPAR MTN								
514	WALTER DUNCAN	ARTHUR-OLIVER	SPAR MTN	2-12N-7E	336	2615	12.6	225	213	979	
521	WALTER DUNCAN	COLEMAN UNIT	SPAR MTN	10-11N-7E	80	506	10.1	160	112	327	
520	L V O CORPORATION	MATTOON COOP	SPAR MTN	10,11-11N-7E	80*	486	5.8*	64	55*	164	
* 501	PHILLIPS PET. CO	TINSLEY	SPAR MTN	22-12N-7E		249		15			144
500	SAFARI OIL CO	MATTOON	CYPRESS	23,24,25,26,27,34,35,	1080	29944	37.8	1964	960	10857	
			SPAR MTN	36-12N-7E, 2,11-1N-7E							
509	SAFARI OIL CO	NORTH MATTOON UNIT	CYPRESS	10,11-12N-7E	24	1977	2.5	157	38	457	
519	SCHAEFER OIL CO.	HERKIMER	SPAR MTN	11-12N-7E	216	484	22.1	38	540	542	
517	STEVEN, FORSYTHE	G. BRINING	AUX VASES	3-11N-7E	38*	267*	3.9*	54*	38*	148*	
			SPAR MTN								
MATTOON N, COLES											
518	ELMER M NOVAK	N.W. MATTOON WF	SPAR MTN	22-13N-7E	156*	1081	7.0*	141	156*	941	
MAUNIE N C, WHITE											
4334	HERNOON DRILLING	MAUNIE WF U	BRIEGEPORT	24,25,36-5S-10E	611*	4737*	31.5*	1560*	401*	2328*	
			BETHEL								
			AUX VASES								
			MCCLOSKEY								
4307	KIRBY PETROLEUM	ACKERMAN-BOHLEBER-JSN	AUX VASES	26,35-5S-10E	71	483	3.2	60	25	69	
4328	KIRBY PETROLEUM	ACKERMAN	AUX VASES	23,26-5S-10E	133	886	5.7	68	60	408	
			SPAR MTN								
*4282	LOUIS PESSINA	RIBEYRE ISLAND UNIT	WALTERSBURG	19,30-5S-14W		817		180		373	
			TAR SPRINGS								
*4220	RULEO OIL CORP.	MAUNIE N U	AUX VASES	18,19-5S-14W		2640		338			
*4272	G. SCHONMAKER	MAUNIE W UNIT	AUX VASES	35-5S-10E, 2-6S-10E		2720*		184*		1737*	
4356	TEXACO, INC.	M B BOHLEBER	AUX VASES	26-5S-10E	79	859	5.7*	130*	196*	906*	
			MC CLOSKEY		1*	224					

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

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Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71					Injection water			Remarks
	Depth (ft)	Net pay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (*API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow	Type (F) = Fresh (B) = Brine (M) = Mixed		
								Inj.	Prod.					
MAIN C, CRAWFORD, LAWRENCE, JASPER (CONTINUED)														
* 680	1590	8.0	14.0	15	35.7	10-61	05-69	1	5	420	SH WELL, PROD (M)		*INCL WITH 681	
* 681	1470	15.0	18.5	57	35.9	10-61	05-69	5	6	420	SH WELL, PROD (M)		*INCL 680 *EXCEPT 1966-67	
* 685	950	20.0	19.0	120	37.2	12-59	05-69	71	84	380	SH WELL, PROD (M)			
* 686	950	20.0	15.0	12	37.2	11-61	05-69	7	11	80	SH WELL, PROD (M)		*ESTIMATED	
* 687	950	38.0	28.7	240	37.0	10-60	11-70	6	9	40	PRODUCED (B)			
* 689	936	50.0	18.5	74	36.8	12-61	03-69	3	5	180	PURCHASED (B)		*ESTIMATED	
* 697	930	12.0	17.0	64	37.2	09-61	05-69	7	9	160	SH WELL, PROD (M)			
* 627	925	12.0			32.6	07-54	01-59	4	8	39	PENN SD (B)			
* 628	975	25.8	22.6	150	28.3	05-54	05-58	6	6	52	PENN SAND (B)			
* 664	985	12.5	20.1	93	36.0	12-51	01-53	5	6	40	PENN SD, PROD (B)			
* 661	1035	20.0	22.2	100	33.0	07-51	09-55	18	17	180	PENN SD, PROD (B)			
* 665	900	20.0	17.0	37		11-52	07-56	9	11	90	CREEK, PROD (M)			
* 595	1128	30.0	19.0	200		03-65	06-66	1	4	5	PENN SD (B)			
* 629	910	25.4	19.9	278	34.0	01-52	01-70	13	4	80	SH SD, PROD (M)			
639	910	24.4	20.0	250	34.0	02-54		14	14	119	SH SD, PROD (M)		*EST 1967-70; NO DATA 1971	
* 638	935	14.6	21.0	175	35.0	07-48	12-63	24	44	104	PENN SD, PROD (B)			
* 640	979	21.0	19.0	144	32.0	05-54	12-65	6	3	64	SH SD, PROD (M)			
* 642	987	15.9	20.0	100	35.0	11-54	07-65	7	2	56	PENN SD, PROD (B)			
* 679	890	20.0	21.5	50	32.0	09-51	04-59	13	23	130	PENN SD (B)		*LAST DATA AS OF 12-31-52	
591	1000	10.0	15.0	85	34.0	07-61		3	6	80	PRODUCED (B)		*ESTIMATED	
622	875	15.0				01-68		14	16	300			*NO DATA 1968-71	
694	980	12.0	18.6	200	37.4	11-63		14	18	210	LAKE, PROD (M)			
* 692	1050	10.0			30.0	05-62	09-66	2	3	30	PENN SD, PROD (B)			
MAPLE GROVE C, EDWARDS, WAYNE														
*1008	3100	5.0			38.0	09-52	06-61	2	7	110	PRODUCED (B)		*INCLUDES PRIMARY PROD	
4078	3170	15.0				11-68		1	1	30	PENN SD (B)			
1025	3270	8.0			36.0	07-61		5	5	360	CYPRESS, PROD (B)		*ESTIMATED	
*4127	3150	15.0	24.0	50	37.0	01-57	12-61	1	5	60	CYPRESS SD (B)		*ESTIMATED +INCL PRIM PROD	
MARINE, MADISON														
2504	1725	99.0			34.0	12-70		2	5	240	PROD & SUPPLY (M)			
MARKHAM CITY, JEFFERSON														
*2004	2900	11.8	22.1	269	38.0	04-54	12-63	12	9	230	CYPRESS, PROD (B)			
	3000	7.0	15.4	230				7	7	150				
*2003	3080	6.0				08-55	12-56	1	1	40	CYPRESS (B)		*DUMP FLOOD	
MARKHAM CITY W, JEFFERSON														
*2020	3050	10.0			36.0	09-64	05-67	1	2	270	CYPRESS (B)			
MARTINSVILLE, CLARK														
214	530	25.0	24.0	43	32.0	01-56		50	42	240	LAKE (F)		*NO DATA 1959-69	
* 218	1346	40.0	16.0	11	30.0	10-52	12-53	2	6	40	SH SD (F)			
* 219	1334	27.0				01-51	02-55	4	1	10	SH GRAV (F)		*INCL PRIM PROD 1-51 TO 2-55	
* 220	464	25.0				08-50	12-54	8	3	23	SH GRAV, (F)			
MASON N, EFFINGHAM														
1104	2280	11.0	16.0	24	38.0	10-58		2	3	100	TAR SPR, PROD (B)		*ESTIMATED	
	2344	17.0				08-65		1	1	30				
MATTOON, COLES														
512	1800	14.6	20.0	54	39.0	03-62		13	18	300	GRAVEL BED (F)			
	1910	10.0						6	4	100				
	1980	11.0	12.6	97				17	19	400				
* 515	1722	10.0			38.4	12-63	02-67	2	5	80	PURCHASED (B)			
	1920	10.0						2	5	80				
507	1980	19.0			35.0	04-66		2	2	50	PRODUCED (B)		*ESTIMATED	
* 504	1770	9.0				04-59	12-66	4	7	100	PURCH, PROD (B)			
* 506	1970	10.0			37.0	04-59	12-66	4	7	100	PURCH, PROD (B)			
516	1975	12.0			36.0	05-64		4	2	35	PURCHASED (B)		*ESTIMATED	
523	1785	8.0				04-61		1	2	30	PRODUCED (B)		*ESTIMATED	
	2000	6.0						1	2	30				
503	1770	10.0				06-59		1	1	20	PRODUCED (B)			
	1970	9.0						2	2	40				
511	1800	20.0				08-62		5	9	160	GRAVEL BED (F)			
	1970	12.0						8	8	160				
514	1930	8.0				02-63		4	4	180	SH SD, PROD (M)			
521	1920	11.0				04-66		3	2	40	GRAV, PROD (M)			
520	1960	10.0	12.0			04-66		3	6	200	SH SD (F)		*ESTIMATED	
* 501	1950	10.0	15.0	990	37.0	11-50	12-54	2	5	70	PRODUCED (B)			
500	1750	13.0	16.0	84		05-52		20	25	850	PROD, SEWAGE EFF (M)			
	1950	12.0						20	28	900				
509	1800	10.0	18.0	40	39.0	02-61		7	3	360	PENN SD (B)		*INCL PRIM PROD SINCE 2-61	
519	1920	8.0			38.0	03-69		3	7	110	PENN SD (B)			
517	1920	10.0			37.0	11-64		1	3	40	PURCHASED (F)		*ESTIMATED	
	1970	15.0						1	1	40				
MATTOON N, COLES														
518	1900	6.0	14.7	167	38.9	03-64		4	9	130	SH SD, PROD (M)		*ESTIMATED	
MAUNIE N C, WHITE														
4384	1350	10.0			34.0	08-64			4	40	RIVER GRAVEL (F)		*INCL ALL PAYS	
	2800	15.0						13	16	290				
	2950	15.0						5	8	140				
	3020	4.0						2	5	50				
4307	2955	14.0			35.8	04-67		2	2	70	RIVER GR (F)			
4328	2940	20.0			36.0	06-67		2	3	50	GRAV, PROD (M)			
	3035	4.0				08-61		1	2	40				
*4282	2305	6.0	18.4	204	36.0	05-59	06-68	5	6	120	GRAV, PROD (M)			
	2345	10.0						3	2	50				
*4220	2900	12.0				10-57	05-69	5	3	90	RIVER GRAVEL (F)		*ESTIMATED	
*4272	2950	13.0	15.4	37	38.0	10-58	10-66	12	12	310	GRAVEL BED (F)		*ESTIMATED 1965-66	
4356	2940	15.0		30	37.0	04-67		3	2	80	PRODUCED (B)		*INCL BOTH PAYS	
	3050	8.0			37.0			1	2	80				



TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County	General information				Production and injection statistics (M bbls)						
	Project no. * = ABD, + = P. M.	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production	
						Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71
MAUNIE N C, WHITE (CONTINUE)											
*4405	WALKER OPLG CO.	GPAY		BETHEL AUX VASES	2-5S-10E		69		1		7
MAUNIE S C, WHITE											
4213	RHEA FLETCHER	PALESTINE UNIT		BRIDGEPORT PALESTINE TAR SPRINGS AUX VASES	13,24-6S-10E	100*	108* 13535	18.0*	18 1721		12150
*4230	MOBIL OIL CORP.	TAR SPRINGS U		TAR SPRINGS	19-6S-11E 24,25-6S-10E		4748		792*		2049
*4239	MOBIL OIL CORP.	MAUNIE COOP		TAR SPRINGS	24-6S-10E		180		11*		102
*4268	MOBIL OIL CORP.	TAR SPRINGS U 2		TAP SPRINGS	24-6S-10E, 19-6S-11E		639		60		209
4273	BERNARD PODOLSKY	APNOLD UNIT		CYPRESS	7,18-6S-11E	132*	783	18.0*	217	12*	110
*4265	REBSTOCK OIL CO.	SOUTH CLEAR POND		PALESTINE TAR SPRINGS	12-6S-10E		2097		141		428
MELROSE, CLARK											
* 227	SHAKESPEARE OIL	MELROSE U		PENN	13,24-9N-13W		192		4		2
MILETUS, MARION											
2632	FEAR AND OUNCAN	JONES #1		BENUIST	16-4N-4E		86		4		81
MILL SHOALS, HAMILTON, WAYNE, WHITE											
4352	AMERICAN PUMP	MCINTOSH U		AUX VASES	31-3S-8E, 6-4S-8E	123	4606	17.7	402	123	2575
4386	AMERICAN PUMP	MILL SHOALS U		AUX VASES	19,20-3S-8E	241*	2919	14.7*	226	241*	2125
4410	COY OIL CO	BROWN ET AL		AUX VASES	32-3S-8E	103	657	11.8	96	134	481
*1505	BARRON KIDD	GARDNER		AUX VASES	24-3S-7E				28		
4133	SHULMAN BROTHERS	POORMAN-FOX		AUX VASES	18-3S-8E	208	899	21.6	61	62	251
1569	TAMARACK PET.	DAUBY-NEWBY SW		AUX VASES	36-3S-7E	123	123	7.2	7	20	20
4279	TAMARACK PET.	DAUBY-NEWBY NE U		AUX VASES	30,31-3S-8E	359	778	39.4	49	71	76
*4411	TAMARACK PET.	E. MILL SHOALS		AUX VASES	20,29-3S-3E		1319		74		513
4183	TEXACO, INC.	A. J. POORMAN 'A'		AUX VASES	19-3S-8E	164	925	11.5	81	30	348
4337	TEXACO, INC.	MILL SHOALS COOP		AUX VASES	31,32-3S-8E	104	2145	6.6	172	40	777
*1506	SAM TIPPS	B. P. GRAY, TRUSTEE		AUX VASES	1-4S-7F		3211*		349		1444*
*4363	H. WEINERT EST.	MILL SHOALS UNIT		AUX VASES	30-3S-8E		6705		326		3089
4397	H. WEINERT EST.	WEST MILL SHOALS UNIT		AUX VASES	20,29,30-3S-8E	272	1611	12.6	156		
MODE, SHELBY											
3802	DON OURR	MODE FIELD		BENOIST	15,16,21,22-10N-4E	70*	286	5.0*	318	70*	286
MONTPOSE N, CUMBERLAND											
708	EGO OIL CO	MONTROSE WF		MCCLOSKEY	34-9N-7E	31	31	3.7	4	3	3
MT CARMEL, WABASH											
3855	T. M. BANE	HARRIS		BIEHL CYPRESS	17-1S-12W			16.5	17		
3887	ALVA C. DAVIS	CLAY MCCELLER		CYPRESS	5-1S-12W	2	256	0.1	16	8	169
3890	ALVA C. DAVIS	PALYMA U		BIEHL TAR SPRINGS CYPRESS	5-1S-12W	181*	2360	17.6*	126	70*	898
3977	ALVA C. DAVIS	W. MT CARMEL		CYPRESS	18,19-1S-12W	145	1231	7.6	131	62	488
*3941	FIRST NATL PET	SHAW-COURTFR		CYPRESS	7-1S-12W		259		28		9
*3946	FIRST NATL PET	SHAW-COURTFR		BIEHL	7-1S-12W		364		69		148
*3919	T. W. GEORGE	NORTH MT CARMEL		CYPRESS	4,5-1S-12W		350		29		
*3958	T. W. GEORGE	DUNKEL-JOHNSON		CYPRESS	32-1N-12W		400*		22		
3882	H AND H OIL CO	CAMPBELL HELPS		CYPRESS	7-1S-12W	49	441	2.2	31		115
*3884	H AND H OIL CO	C F CHAPMAN		TAR SPRINGS	7,18-1S-12W		169		10		83
3923	H AND H OIL CO	CHAPMAN-COURTFR U		CYPRESS	7,18-1S-12W		1564		105		963
3854	HAYES DRILLING CO	COTNER		CYPRESS	21-1S-12W			28.4*	28*		
3975	HOCKING OIL	RAUMGART-HAPE		BIEHL	1-1S-13W	200*	280	22.0*	28	200*	280
3864	ILL. LSE. OP.	SHAW		CYPRESS	7-1S-12W	43	239	4.7	35	16	103
3918	ILL. LSE. OP.	WABASH UNIT		MCCLOSKEY	5-1S-12W	35	424*	3.8	84*	18	120*
3983	O R MEEK	MT CARMEL N U		BIEHL CYPRESS	4,9-1S-12W	80*	4071	3.4*	360	90*	1232
*3921	ELMER M NOVAK	MT CARMEL U		CYPRESS	17-1S-12W		1763		129		
3862	WILLIAM PFEFFER	BAIRD-SCHULEP		BIEHL	20-1S-12W	36	110	1.4	11	36	92
3872	SANDS OIL CO.	CROW-MILLER		CYPRESS	4-1S-12W			4.7*	89*		8
3922	SHELL OIL CO.	MT CARMEL U		BIEHL CYPRESS	17,18-1S-12W	523	12302	57.8	1609	525	9620
*3924	SKILES OIL CORP.	W MT CARMEL		TAR SPRINGS	18,19-1S-12W		895		138		513
3863	WAYNE SMITH, OP.	MT CARMEL UNIT		BIEHL CYPRESS	21-1S-12W	477	2217	44.8	191	343	1162
3889	SD. TRIANGLE CO.	NORTHEAST MT CARMEL U		BIEHL CYPRESS	16,21-1S-12W	547	681	77.8	84	81	94
3897	SUPERIOR OIL CO.	R.V.Z. UNIT		TAP SPRINGS CYPRESS	8,9-1S-12W	26 183	26 908	16.5*	322	56	346
*3917	TAMARACK PET.	G DUNKEL		BIEHL	5-1S-12W		252*		28		42*
*3373	TEXACO, INC.	KUHN UNIT		BRIDGEPORT CYPRESS	16-1S-12W		301 680		50*		292*
*3875	TEXACO, INC.	STEIN UNIT		TAR SPRINGS CYPRESS	5-1S-12W		411 449		44*		178*
3876	TEXACO, INC.	GEIGER-STECKLER U		BIEHL	8,9,16-1S-12W	20	841				
3877	TEXACO, INC.	GEIGER-STECKLER U		TAR SPRINGS	8,9-1S-12W	30	307				
3878	TEXACO, INC.	GEIGER-STECKLER U		CYPRESS	8,9-1S-12W	18	1397	6.7*	348*	83*	1039*
*3879	TEXACO, INC.	COUCH-NOLLER		BIEHL	16-1S-12W		279				
*3880	TEXACO, INC.	COUCH-NOLLER		CYPRESS	16-1S-12W		227		16*		79*
*3925	TEXACO, INC.	STEIN LEASE		TAR SPRINGS CYPRESS	8-1S-12W		327 263		100		139
NEW HARMONY C, EDWARDS, WABASH, WHITE											
4283	ABSHEP OIL CO	CALVIN-HUN UNIT		TAP SPRINGS CYPRESS BETHEL AUX VASES	9-4S-14W	92*	3926*	5.5*	429*	92*	2900*
4313	ARSHER OIL CO	C. HUGHES		CYPRESS BETHEL AUX VASES	17-4S-14W	150*	5739*	9.5*	473*	100*	3275*

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71				Injection water			Remarks
	Depth (ft)	Netpay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (°API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow	Type (F) = Fresh (B) = Brine (M) = Mixed	
								Inj.	Prod.				
MAUNIE N C, WHITE (CONTINUED)													
*4405	2830	10.0				05-65	01-67	1	2	30	PENN SD (B)		
	2940	10.0						1	2	30			
MAUNIE S C, WHITE													
4213	1390	7.0				12-70		1	1	20			*INCL 8' PDRT, TAR SPR, AUX VASES
	2010	13.5				02-53	12-70	39	23	448			
	2240	4.0				09-71		1	1				
	2850	9.0				09-71		1	1	20			
*4230	2270	14.0	19.0	612	37.3	08-47	12-57	12	13	230	GRAV, PRDD (M)		*INCL PRIM PRDD, B-47 TO 12-57
*4239	2275	14.0			38.0	11-55	01-58	2	5	70	GRAV, PRDD (M)		*INCL PRIM PRDD
*4268	2275	14.0	17.0	550	37.0	11-47	12-54	3	2	50	SH GRAVEL (F)		
4273	2530	4.7	15.5	44	36.2	02-64		5	8	194	PENN SD, PRDD (B)		*ESTIMATED
*4265	2000	8.0			35.0	06-57	12-67	2	4	60	PENN SD, PRDD (B)		
	2200	10.0						6	3	150			
MELROSE, CLARK													
* 227	845	9.0	17.0	20	34.8	12-60	08-62	5	6	105	SH SAND (F)		
MILETUS, MARION													
2632	2150	8.0				10-66		1	1	20	PRDDUCED (B)		*NO DATA 1971
MILL SHOALS, HAMILTON, WAYNE, WHITE													
4352	3220	21.0	20.0	195	39.0	06-62		1	5	373	GRAV, PRDD (M)		*ESTIMATED
4386	3220	18.5	18.5	75	37.0	08-64		3	8	188	CREEK, PRDD (M)		*ESTIMATED 1967-69
4410	3225	12.0	18.0	125	37.0	11-65		3	3	60	GRAVEL (F)		
*1505	3243	11.0				09-56	12-62	1	2	30	HARDINSBURG (B)		*DUMP FLOOD
4133	3235	25.0			37.0	07-67		2	7	140	SH SD, PRDD (M)		
1569	3200	15.0				04-71		2	6	80	SH GRAVEL (F)		
4279	3200	15.0			38.0	10-69		3	7	130	SHALLOW SD (F)		
*4411	3250	12.5	19.6	125	38.3	03-65	07-69	5	8	225	CREEK, PRDD (M)		
4183	3212	16.0	22.0	130	37.0	08-64		2	3	30	GRAV, PRDD (M)		
4337	3200	19.0	15.8	58	36.0	09-61		3	2	200	GRAV, PRDD (M)		
*1506	3245	11.0	21.0		37.0	05-52	12-65	10	4	170	GRAVEL BED (F)		*ESTIMATED 1961-65
*363	3200	22.0	21.0		35.8	08-62	05-69	13	8	220	GRAVEL BED (F)		*ESTIMATED
4397	3240	19.0				09-65		4	13	376	SH SD (F)		
MOORE, SHELBY													
3802	1770	10.0	15.0		34.0	12-61		6	7	180	PRDDUCED (B)		*ESTIMATED
MONTROSE N, CUMBERLAND													
708	2428	10.0			36.0	02-71		1	1	40	CYP SAND (B)		
MT CARMEL, WABASH													
3855	1450	9.0				07-70			2	30			*ADJACENT TO ACTIVE WF
	1720	6.0							1	30			
3887	1995	15.0			35.0	11-63		1	1	20	SH SD, PRDD (M)		
3890	1510	8.0			36.0	11-63		1	3	40	SH SD, PRDD (M)		*INCL ALL PAYS
	1670	10.0			37.4			1	4	50			
	2020	24.0			37.4			4	9	135			
3577	2046	10.0	17.0	83	35.0	09-61		3	4	80	SH SD (F)		
*3941	2050	12.0				04-53	12-57	1	4	50	SH SD (F)		
*3946	1375	16.0			40.2	02-50	12-59	1	2	10	PRDD, FRESH (M)		
*3917	2000	14.0			35.4	08-55	12-61	3	4	70	PENN SD (B)		
*3958	2000	12.0				10-57	02-62	4	5	100	SH SD (F)		*ESTIMATED
3882	2030	11.5	17.2	72	36.0	07-64		2	3	60	SH SD, PRDD (M)		
*3884	1766	10.0			35.0	05-64	04-67	1	1	10	PRDDUCED (B)		
3923	2050	19.0	16.5	159	37.0	01-55		3	3	75	PRDDUCED (B)		
3854	1980	7.0				07-70			2	30			*ADJ TO ACTIVE WF + EST
3575	1660	14.0				11-69		1	4	50	PRDDUCED (B)		*ESTIMATED
3864	2070	7.0				05-67		1	5	80	PENN SD (B)		
3918	2307	8.0				10-57		3	6	30	PRDDUCED (B)		*NO DATA 1963-66
3583	1450	13.0	18.0	200	35.7	09-61		4	7	120	RIVER, PRDD (M)		*ESTIMATED
	1950	7.2	16.0	34	37.4			7	7	243			
*3921	2140	13.0				07-54	12-61	6	15	234	SH SD, GRAV (F)		
3862	1475	10.0				07-67		1	3	60	PRDDUCED (B)		
3872	2010	11.0				01-64		2	2	20			*LDC ADJ TO WF +EST 1965-70
3922	1500	16.0	19.0	182	39.2	07-54		20	20	140	WABASH RIVER (F)		
	2075	12.5						13	22	570			
*3924	1730	6.0				10-55	07-63	3	3	70	PRDDUCED (B)		
3963	1450	16.0	17.0	100	39.0	12-67		10	10	200	GRAVEL BED (F)		
	2000	10.0	18.0	150				12	12	210			
3889	1475	7.0	13.0	165	32.4	07-70		4	8	220	RIVER GRAVEL (F)		
	1580	9.0	19.0	250	36.3			4	5	230			
3897	1704	11.0	18.0	221	34.8	06-71		1	1	20	RIVER GRAV (F)		*INCL BOTH PAYS
						06-63		5	4	100			
*3917	1500	6.7	15.3	310	36.6	06-52	01-58	2	3	70	SH SD, GRAV (F)		*DATA FOR 1954 EST
*3873	1750	10.0			35.0	07-64	10-68	2	1	30	GRAV, PRDD (M)		*INCL BOTH PAYS
	1900	12.0						4	5	111			
*3875	1710	12.0			32.4	04-64	05-69	1	2	40	SH SD, PRDD (M)		*INCL BOTH PAYS
	2010	11.0	17.0	29		04-64		2	1	73			
3876	1490	14.0			35.0	03-64		1	4	110	SH SD, PRDD (M)		*INCL WITH 3878
3877	1710	12.0	18.9	221	32.4	07-64		1	1	30	SH SD, PRDD (M)		*INCL WITH 3878
3378	1990	12.0			35.0	03-64		1	5	182	SH SD, PRDD (M)		*INCL 3876, 3877
*3379	1490	14.0			35.0	03-64	04-68	1	1	50	SH SD, PRDD (M)		*INCL WITH 3880
*3880	1990	12.0			35.0	03-64	04-68	1	1	50	SH SD, PRDD (M)		*INCL 3879
*3425	1710	12.0	18.9	221	32.4	03-64	08-67	3	1	116	SH SD, PRDD (M)		
	2010	11.0	17.0	29	32.4			3	1	73			
NEW HARMONY C, EDWARDS, WABASH, WHITE													
4283	2350	9.0				01-59		1	2	30	GRAVEL BED (F)		*ESTIMATED
	2550	6.0						5	5	100			
	2800	6.0						3	5	80			
	2700	14.0						6	6	120			
4313	2560	17.0			37.0	11-60		4	2	80	GRAV, PRDD (M)		*ESTIMATED
	2700	20.0						4	2	90			
	2920	19.0						4	3	90			



100 TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County	General Information				Production and injection statistics (M bbls)					
	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production	
					Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71
NEW HARMONY C, EDWARDS, WABASH, WHITE (CONTINUED)										
4335 ABSEH OIL CO	BPAMLETT		BETHEL	17-4S-14W	20	417	2.7*	63*	20*	529*
4358 ABSEH OIL CO	BRAMLETT		CYRESS	17-4S-14W	140*	1652	8.7*	297	140*	726
4275 AMERICAN PUMP	CALVIN CONSLO		BETHEL							
			TAR SPRINGS	9,16-4S-14W	330	10595	15.5	1707	210	6963
			CYRESS							
			BETHEL							
			AUX VASES							
*3926 ASHLAND O AND R	N MAUD(WALLACE A,B)		BETHEL	5,6,7,8-2S-13W	8	715	1.9	165	8	156
*3927 ASHLAND O AND R	RAVENSTEIN		BETHEL	32-1S-13W		99		59		8
3898 N. A. BALORIOGE	STERL U		BETHEL	16-1S-13W	112*	207	10.7*	15	30*	58
4274 FRANCIS BEARO	J.J. GONDO		CYRESS	9-4S-14W	225*	4681	13.8*	466	220*	2084
			BETHEL							
			AUX VASES							
4316 BELL BROTHERS	SKILES		CYRESS	16-4S-14W	69	1843	35.6	195	28	769
			BETHEL							
			AUX VASES							
3987 W. E. BRUBECK	EPLER		CYRESS	5,6-3S-13W	116	144	6.2	7	1	2
			BETHEL							
			AUX VASES							
			SPAR MTN							
4218 CALSTAR PET.	FORO		AUX VASES	20,21,22-4S-14W		239*		465*		
*4219 CALSTAR RET.	FORD 'B'		BETHEL	21-4S-14W		1113		104		
4294 CALSTAR PET.	GRAY 'C', 'H'		TAR SPRINGS	17,20,21-4S-14W	220*	6390	12.7*	863*	220*	4198
			CYRESS							
			BETHEL							
			AUX VASES							
4305 CALSTAR RET.	FORO 'A'		WALTERSBURG	16,21-4S-14W	25*	322*	10.0*	411**		
			TAR SPRINGS		40*	568*				
			CYRESS		80*	1375*				
			BETHEL		20*	356*				
			AUX VASES		100*	2493*				
4329 CALSTAR RET.	M.S. DONALO		BETHEL	21-4S-14W	70*	929	9.6*	277		
			AUX VASES		70	1277				
*3980 DELL CARROLL	FRIENDSVILLE FIELD		CYRESS	11-1S-13W		345		80	39	134
3982 CENTRAL EXPLOR CO	FRIENDSVILLE U		CYRESS	2,11-1S-13W		2158		328		783
4303 CONVERS OIL WELL	ALLEN GRAY 'H' C		AUX VASES	20-4S-14W		94		76		
4312 CONVERS OIL WELL	FITTON 'A' UNIT		AUX VASES	29-4S-14W		794		101		332
3963 COY OIL CO	KERWIN U		BIHEL	14,15,22-3S-14W	345	7103	15.2	1235	42	2276
			BETHEL							
*3989 COY OIL CO	KERWIN UNIT		AUX VASES	14,15,22-3S-14W		90				
*4338 COY OIL CO	GRAY		AUX VASES	20-4S-14W		814		105*		454*
*4339 COY OIL CO	GRAY		BETHEL	20-4S-14W		150				
*4368 COY OIL CO	B. R. GRAY		CYRESS	17-4S-14W		1958		288*		898*
			BETHEL							
			AUX VASES							
3931 ALVA C. OAVIS	SIEGERT BOTTOMS		BETHEL	2,3,10-3S-14W	146	4399	8.6	796	94	1753
				34,35-2S-14W						
3932 ALVA C. OAVIS	E MAUD		BETHEL	32,33-1S-13W	58	2054	7.5	411	51	1011
				4,5-2S-13W						
3933 ALVA C. OAVIS	E MAUD		CYRESS	32,33-1S-13W;	189	4254	9.5	312	106	2121
				4,5-2S-13W						
3934 ALVA C. OAVIS	W MAUD		BETHEL	5,7,8-2S-13W	9	2237	3.5	491	2	389
3956 ALVA C. OAVIS	COWLING-RABER		BETHEL	17-2S-13W		109	0.3	17	1	24
3974 ALVA C. OAVIS	FRIENDS GROVE U		BIHEL	3-1S-13W; 34-1N-13W	137	2519*	7.1	193	84	1548
			JORDAN							
			CYRESS							
3985 ALVA C. OAVIS	FOST-LEY UNIT		BIHEL	3-1S-13W	62*	1965	3.9*	213	218*	686
*4286 ALVA C. OAVIS	CALVIN GRIFFITH C		BETHEL	8-4S-14W		285		31		216
*4326 ALVA C. OAVIS	CALVIN GRIFFITH C		AUX VASES	9-4S-14W		452		108		476
*3994 B. R. DUNCAN	OUNKEL		CYRESS	11-1S-13W		115		12		36
4290 R. L. FRY	M E GLAZE COOR		TAR SPRINGS	3,17-4S-14W		1182	3.5*	612*	30*	26
			CYRESS			366				
			BETHEL			2352				
			AUX VASES		25	11730				
*3929 G R COMPANY	SHULTZ		CYRESS	7-3S-13W		2693*		175**		1982**
*3930 G R COMPANY	SHULTZ		CYRESS	7-3S-13W		816*				356**
*4330 V. R. GALLAGHER	GREATHOUSE-WALT. UNIT		WALTERSBURG	32-4S-14W		102		122*		40
*3907 T. W. GEORGE	EAST MAUD		BETHEL	32,33-1S-13W		98		55*		
*3947 T. W. GEORGE	EAST MAUD		CYRESS	32,33-1S-13W		31		55		
3976 T. W. GEORGE	E MAUD		WALTERSBURG	22,27-1S-13W	132	546	6.2	176	7	162
			BETHEL			352		16		32
3874 GETTY OIL CO	KEENSBURG U		BIHEL	16,17,20-2S-13W	2492	7266	333.8	988	1323	2492
			CLURE							
			CYRESS							
4242 GETTY OIL CO	O. R. EVANS		BETHEL							
			BIHEL	4,5-4S-14W	416	8600	11.1	720	132	3556
			CYRESS							
			BETHEL							
			AUX VASES							
4354 GETTY OIL CO	WABASH RIVERBEO U		MCCLOSKEY							
			BIHEL	33-3S-14W	204	2264*	13.5*	159*	176*	919*
			CYRESS							
			AUX VASES							
3886 H AND H OIL CO	N MAUD U		CYRESS	13,24-1S-14W	164*	1061	30.5*	160	164*	844
			OHARA							
3960 H AND H OIL CO	A E SCHULTZ 'A'		BETHEL	8,17-2S-13W	180	2047	9.3*	435*	93*	1362*
3961 H AND H OIL CO	A E SCHULTZ 'A'		CYRESS	8,17-2S-13W	180	1762				
3988 H AND H OIL CO	WALTERS		TAR SPR	23-1S-13W	150*	510	28.9*	53	150*	510
*3955 INO. FARM BUR.	LANOIS-GOINS		CYRESS	3-2S-13W		62		11		108
3856 J&H OIL CO	SCHAUF		CYRESS	30-2S-13W			8.6+	14		
3959 W. J. KING	KEENSBURG U		CYRESS	9-2S-13W	100*	9652	3.9*	834	100*	5508
3896 LUBOIL COMPANY	HELM C		TAR SPRINGS	22-3S-14W	29	1056				
3936 LUBOIL COMPANY	HELM C		CYRESS A	22-3S-14W	12	1938				
3937 LUBOIL COMPANY	HELM C		CYRESS C	22-3S-14W	70	2825				
3938 LUBOIL COMPANY	HELM C		AUX VASES	22-3S-14W	63	6825	62.4*	4276*		
3939 LUBOIL COMPANY	HELM C		BETHEL	22-3S-14W	89	8214				
*3940 LUBOIL COMPANY	HELM C		WALTERSBURG	22-3S-14W		3306				

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71					Injection water		Remarks
	Depth (ft)	Netpay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (*API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source	Type	
								Inj.	Prod.		SD = Sand GRAV = Gravel PROD = Produced SH = Shallow	(F) = Fresh (B) = Brine (M) = Mixed	
NEW HARMONY C, EDWARDS, WABASH, WHITE (CONTINUED)													
4335	2570	25.0			38.3	11-61		1	2	80	SH SD, PROD (M)		*INCL 4333, 4334; EST
4398	2552	20.0			37.0	12-63		2	2	40	SH SD, PROD (M)		*ESTIMATED
	2662	20.0						2	2	40			
4275	2210	10.0	7.0	50		09-58		1	1	5	SH SD, PROD (M)		
	2575	6.5						3	3	62			
	2700	11.0						8	8	170			
	2810	18.0						9	9	180			
*3926	2650	6.5	16.0	60	37.5	04-56	11-71	4	4	130	GRAV, PROD (M)		
*3927	2650	7.0	7.0	15	38.4	05-57	12-66	2	2	20	GRAV, PROD (M)		
3888	2570	12.0	18.9	87	39.0	12-69		3	7	65	WATER WELL (F)		*ESTIMATED
4274	2585	13.0	18.2	46	34.3	09-58		4	4	80	SH SD, PROD (B)		*ESTIMATED
	2705	17.0	16.0	20	36.1			5	6	110			
	2820	15.0	17.0	31	36.2			6	6	110			
4316	2550	15.0	17.5		38.9	08-61		2	2	40	SH SD (F)		
	2700	12.0	16.8					1	2	30			
	2950	18.0	19.0					4	4	80			
3987	2470	10.0				09-70		1	2	40	PURCHASED (F)		
	2635	11.0						1	3	50			
	2742	9.0						1	2	40			
	2858	4.0						1	2	200	SH SD (F)		*EST 1965-67; NO DATA 1968-71
4218	2840	18.3	15.0	20	33.1	01-59		1	3	40	GRAVEL 8ED (F)		
*4219	2695	12.0			37.5	03-53	04-50	1	2	50	GRAVEL 8ED (F)		*ESTIMATED 1969-71 + OPERATOR REPORTS LITTLE OIL FROM CYPRESS AND BETHEL
*294	2220	10.0				05-60		3	2	120			
	2530	11.0						7	5	70			
	2700	7.0						4	3	180			
4305	2840	13.0	19.0		37.5	11-60		2	1	40	GRAVEL 8ED (F)		*ESTIMATED
	2200	9.3	15.5					1	2	40			
	2580	13.3	16.0	32				4	2	80			
	2700	14.7	15.0					1	2	30			
	2820	15.5	15.0	20				5	5	100			
4329	2695	9.0	15.0	15	37.0	09-61		2	4	60	GRAV, PROD (M)		*ESTIMATED
	2830	20.0	14.0	23	37.0			2	3	105			
*3980	2290	10.0			36.0	02-61	10-66	6	6	120	RIVER GRAV, PROD (M)		
3982	2300	13.0	16.1	90	36.8	02-61		9	7	155	SH SD (F)		*NO DATA 1971
4303	2844	7.0				04-60		1	1	30	GRAVEL 8ED (F)		*NO INJ 1969; NO DATA 1970-71
4312	2888	4.0	16.2	25	36.4	03-60		1	1	140	GRAVEL 8ED (F)		*INJ TEMP SUSPENDED 4-65
3963	1800	12.0	21.0	200	33.0	10-59		6	4	130	GRAV, PROD (M)		
	2700	13.0	16.2	40				12	12	310			
*3989	2800	9.0				10-59	12-64	3	3	60	GRAVEL 8ED (F)		*INCL WITH 3963
*4338	2850	23.0	17.0	50		03-60	12-63	5	5	120	SH SD, GRAV (F)		*INCL 4339
*4339	2720	5.0	15.0			03-60	12-63	2	2	50	SH SD, GRAV (F)		*INCL WITH 4338
*4368	2575	10.0	16.2	118	39.0	01-63	08-68	4	4	80	GRAV, PROD (M)		*INCL FORMER PROJ 4366, 4367
	2790	9.0	14.3	50				2	2	40			
	2900	16.0	18.0	125				4	4	80			
3931	2680	18.0	17.0	75	36.0	10-51		10	***	300	GRAV, PROD (M)		
3932	2520	8.5	17.0	57	37.0	04-52		5	11	170	GRAV, PROD (M)		
3933	2400	8.0	18.5	75	37.0	11-52		3	8	80	GRAV, PROD (M)		
3934	2620	12.0	17.2	57	36.0	10-50		3	4	60	GRAV, PROD (M)		
3956	2549	15.0			37.0	05-57		1	1	20	GRAV, PROD (M)		*INJ SHUT OFF 5-11-69
3974	1716	18.0				03-61		6	4	120	GRAV, PROD (M)		
	1761	16.0	18.0	61				1	1	20			
	2269	13.0						6	4	120			
3985	1710	8.0	15.0	75	32.0	03-61		3	2	70	SH SD, PROD (M)		*INCL DROPPED PROJ 3986
*4286	2630	10.0			33.0	09-59	09-70	1	1	40	GRAV, PROD (M)		*INJ TEMP DISC 12-64
*4326	2855	20.0			36.0	06-60	08-70	1	1	35	GRAV, PROD (M)		
*3994	2100	15.0			36.4	11-62	12-65	1	1	20	SH SD, PROD (M)		
4290	2215	9.0			36.4	12-59	01-68	1	1	60	SH SD, PROD (M)		*EST +INCL BOTH PAYS
	2570	11.0					01-68	1	1	120			
	2670	25.0						1	3	170			
	2825	12.0						1	3	170			
*3929	2600	20.0	18.0	50	38.0	07-51	12-62	2	5	70	GRAV, PROD (M)		*NO DATA AFTER 1959 +INCL 3930
*3930	2500	10.0	17.0	100	38.0	05-52	12-62	1	2	30	SH SD, PROD (M)		*NO DATA AFTER 1959 +WITH 3929
*4330	2215	12.0	19.0	140		01-55	09-63	1	1	50	SH SD, PROD (M)		*INCL PRIM PROD 1-55 TO 9-63
*3907	2500	15.0	17.0	57	36.1	07-52	12-56	2	7	90	SURFACE (F)		*INCL PRIM PROD 7-52 TO 12-56
*3947	2400	12.0				01-55	12-57	1	3	40	SURFACE (F)		
3976	1950	5.0	17.8		37.0	12-64		3	6	90	RIVER GRAV, PROD (M)		
	2410	10.0	17.0		39.0		08-68	3	7	120			
3974	1700	11.0	12.0	82	35.0	01-68		8	12	210	SH GRAV, PROD (M)		
	1775	8.0	12.0	50				11	11	230			
	2420	26.0	15.0	72				16	34	680			
	2550	10.0	12.0	15				28	20	500			
4242	1500	17.7	14.7	26		10-57		5	4	110	GRAV, PROD (M)		
	1800	21.0				12-61		5	6	120			
	2660	23.0				12-61		6	5	120			
	2300	19.4				10-49		8	5	170			
	2400	21.2				10-49		4	2	120			
4354	1925	28.0	12.5	20		09-60		9	2	47	SH SD, PROD (M)		*ILL VALUES ARE 21 PER CENT OF TOTAL, REMAINDER IN POSEY CO INDIANA
	2530	35.0	19.0	100				1	2	47			
	2780	29.0	19.2	50				1	2	47			
3886	2500	11.0	16.5	115	37.0	06-64		2	6	100	PRODUCED (B)		
	2850	9.0						1	4	80			
3960	2540	20.0	15.3	41	38.0	03-59		5	7	100	PRODUCED (B)		*INCL PROJ 3961
3961	2424	12.0	19.3	268	38.0	03-59		6	8	100	SH SD, PROD (M)		*INCL WITH 3960
3988	1945	12.0				08-68		1	5		PRODUCED (B)		*ESTIMATED
*3955	2340	7.0			36.0	03-57	01-60	1	2	20	PRODUCED (B)		
3856	2450	20.0				01-70		1	3	30			*ADJ TO EXISTING WF +EST
3959	2420	22.0	20.0	200		11-58		7	5	270	GRAV, PROD (M)		*ESTIMATED
3896	2150	20.0				04-61		4	2	80	GRAVEL 8ED (F)		*INCL WITH 3938
3936	2520	8.0				11-52		5	4	120	GRAVEL 8ED (F)		*INCL WITH 3938
3937	2550	10.0				10-54		5	5	120	GRAVEL 8ED (F)		*INCL WITH 3938
3938	2640	14.0	17.1	44		12-51		17	9	260	GRAVEL 8ED (F)		*INCL 3896, 3936, 3937, 3939, 3940
3939	2640	14.0	17.1	44		12-51		17	8	255	GRAVEL 8ED (F)		*INCL WITH 3938
*3940	2115	25.0	20.1	171		12-50	09-64	5	3	80	GRAVEL 8ED (F)		*INCL WITH 3938

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County	General information				Production and injection statistics (M bbls)					
Project no. * = ABD. + = P. M.	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production	
					Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71
NEW HARMONY C, EOWARDS, WABASH, WHITE (CONTINUED)										
3965	LUBOIL COMPANY	HELM	BIEHL	22-3S-14W	12	591				
4416	W. C. MCBRIDE	INOIANA STATE-EVANS	CYPRESS	4-4S-14W	27	143	6.9	34	56	325
3885	NAPCO	AKIN FLOOD	CYPRESS	7-3S-13W	416	545	18.0	24	84	92
			BETHEL							
			AUX VASES							
			MCCLOSKEY							
3895	NAPCO	EPLER FLOOD	WALTERSBURG	6-2S-13W	154	1064	14.7	279	128	684
3857	CARL J. NEER	SEILER	WALTERSBURG	26,27-1S-13W	132	396	10.3	28	132	383
			HARDINSBURG							
			BETHEL							
4226	ELMER M NOVAK	CALVIN	CYPRESS	5,8-4S-14W	100*	2139	15.3*	2878	250*	4084
			BETHEL		30*	2837				
			AUX VASES		125*	11131				
3861	O H AND F OIL CO	KEENSBURG U	BIEHL	19-2S-13W	13	44	45.2	63	13	44
4227	PAN-ARK	ROWMAN'S BENO UNIT	TAR SPRINGS	15,16,21,22-5S-14W	320*	9495	11.7*	2445	320*	5891
4276	PAN-ARK	O. SMITH 1,4,11	CYPRESS	4-4S-14W	85*	753*	7.1*	88*	85*	163
			BETHEL							
			AUX VASES							
*3967	RK PET. CORP.	COWLING U	CYPRESS	23,25,26,35,36-2S-14W		2867		467		605
4317	REBSTOCK OIL CO.	CROSSVILLE LEASE	CYPRESS	20-4S-14W	80*	2534	2.5*	45	80	1035
			BETHEL							
			AUX VASES							
4393	REBSTOCK OIL CO.	ONLY 'A'	CYPRESS	17-4S-14W	150*	1163	7.9*	129	150*	781
			BETHEL							
			AUX VASES							
4401	REBSTOCK OIL CO.	NATIONAL BANK WF U	TAR SPRINGS	19,20,29-4S-14W	50*	560*	3.6*	167*	50*	188*
1009	M V RING	J SCHROEDER	BETHEL	22,27-2S-14W	220*	532	21.3*	36*	130*	130
3870	HUBERT ROSE	MAUD NW UNIT	WALTERSBURG	27,34-1S-13W	144*	1588	6.2*	190	150*	620
3893	HUBERT ROSE	MAUD U	WALTERSBURG	34,35-1S-13W	135*	1265*	19.1*	352*	101*	641*
			CYPRESS							
3995	HUBERT ROSE	J.W. REISINGER	CYPRESS	4-2S-13W	30*	221	1.2*	104	30*	221
3962	ROSSI OIL CO.	4 W	CYPRESS	26-1S-13W	7*	656	13.1	171	75	656
3891	ROYALCO, INC.	SCHROOT STATION S U	CYPRESS	3-2S-13W	23	928	6.3	53	15	156
*3892	ROYALCO, INC.	SCHROOT STATION MID U	CYPRESS	34,35-1S-13W		560		123		214*
4300	ROYALCO, INC.	REEVES UNIT C	CYPRESS	28-3S-13W	18	2656	1.6	161	18	976
			AUX VASES							
			MCCLOSKEY							
4392	ROYALCO, INC.	CALVIN WATERFLOOD C	AUX VASES	22-4S-14W	15	644	8.9	69	6	33
*3928	SHAKESPEARE OIL	BRINES U	BETHEL	20,21,28,29-1S-13W		8754		1457		5255
4216	JOE SIMPKINS OIL	HON-BUMP-CRAWFORD	CYPRESS	32,33-3S-14W,5-4S-14W	150*	2981*	19.5*	710	325*	3944*
			BETHEL		30*	297*				
			AUX VASES		175*	2995*				
*4217	JOE SIMPKINS OIL	ARROW-MC BRIDE ETAL	MCCLOSKEY	5-3S-14W,32,33-4S-14W		762		1		
4320	JOE SIMPKINS OIL	ROULTINGHOUSE	TAR SPRINGS	9,16,17-4S-14W	75*	11912*	3.2*	764*	75*	8962*
			CYPRESS							
			SAMPLE							
			BETHEL							
			AUX VASES							
*1016	SKILES OIL CORP.	SIEGERT BOTTOMS	CYPRESS	34-2S-14W		62				
*3957	SKILES OIL CORP.	RPOSTER 'F'	CYPRESS	35-2S-14W		186		36	1	42
*4222	SKILES OIL CORP.	SMITH-DAVENPORT	CYPRESS	15-4S-14W		147		4		2
*4287	SKILES OIL CORP.	CALVIN-GRIFFIN	CYPRESS	8-4S-14W		1				27
*4288	SKILES OIL CORP.	CALVIN GRIFFIN	AUX VASES	8-4S-14W		109		4		23
3935	SOHIO PETROLEUM	D G UPOEGRAFF 'A'	CYPRESS	14-3S-14W	599	5486	19.0	1646	812	11542
			BETHEL			198				
			MCCLOSKEY			393		17		42
3997	SOHIO PETROLEUM	D.G. UPOEGRAFF 'A'	AUX VASES	14-3S-14W		428	7.6	83	2	178
*4223	SUN OIL CO.	GREATHOUSE	MCCLOSKEY	33-4S-14W, 4-5S-14W		1088		129		227
*4269	SUN OIL CO.	FORD 'A' WATERFLOOD	MCCLOSKEY	18-5S-14W		58		13		1
4293	SUN OIL CO.	FORD 'B'	CYPRESS	21-4S-14W	128*	1900*	10.2*	246*	111*	1430*
			BETHEL			411		18		181
			AUX VASES			474		170		713
*4235	SUPERIOR OIL CO.	KERN-HON UNIT	TAR SPRINGS	32,33-4S-14W		1966		536		891
*4236	SUPERIOR OIL CO.	NEW HARMONY FIELD U	AUX VASES	21,27,28,29,32,33,34-4S-14W,3,4,5-5S-14W		16673				
				26,27,28,29,32,33,34-4S-14W,3,4,5-5S-14W		32327				
*4237	SUPERIOR OIL CO.	NEW HARMONY FIELD U	BETHEL							
4238	SUPERIOR OIL CO.	WALTERSBURG SAND UNIT	WALTERSBURG	4,5,9-5S-14W	451*	16999*		1620*		2658
4280	SUPERIOR OIL CO.	FORD UNIT	OEGONIA	7,8-5S-14W	169	1012	26.1*	789*	102*	1140*
			WALTERSBURG	8-5S-14W	30	267				
			BETHEL	7,8-5S-14W		27				
			AUX VASES	7,8-5S-14W		2619				
4302	SUPERIOR OIL CO.	N.H.R. UNIT	TAR SPRINGS	9-5S-14W	15	271	3.9	31	4	21
4311	SUPERIOR OIL CO.	NORTHEAST UNIT	TAR SPRINGS	14,22,23,26,27,34-4S-14W		283	299.5*	1278*	831*	3508*
			CYPRESS		1037	5231				
			BETHEL			267				
			AUX VASES			94				
			MCCLOSKEY			573				
4390	SUPERIOR OIL CO.	NEW HARMONY FIELD U	PENN	27,28,29,32,33,34-4S-14W; 3,4,5-5S-14W		97	603.2*	13152*	3140*	33109*
			CYPRESS		3713*	26406*				
4391	SUPERIOR OIL CO.	NEW HARMONY FIELD U	WALTERSBURG	28,33,34-4S-14W		765				
			TAR SPRINGS	27,28,33,34-4S-14W		390				
3948	A. K. SWANN	HEIL	CYPRESS	7,18-3S-13W		153	25.7	595	69	717
3866	TEXACO, INC.	COWLING U	BIEHL	19,20,29,30-2S-13W	2362	15725	92.3*	2163*	1147*	8751*
			CYPRESS			8293				
*4333	TEXACO, INC.	BRAMLETT	TAR SPRINGS	17-4S-14W		163		49*		460*
*4334	TEXACO, INC.	BRAMLETT	CYPRESS	17-4S-14W		443				
*4371	TEXAS AMERICAN	FORD	AUX VASES	21-4S-14W		229		131		44
3910	UNIVERSAL OPRING	PARMENTER	CYPRESS	5-2S-13W	28*	114	1.8*	12	28*	114
			BETHEL							
3949	WEST DRILLING CO	RABER U	BIEHL	19-2S-13W; 24-2S-14W		47*		17*		
4341	WEST DRILLING CO	D. EVANS	MCCLOSKEY	4-4S-14W			4.6*	137*		
1028	GEORGE WICKHAM	SCHROEDER	WALTERSBURG	26,27-2S-14W	170*	1792	10.3*	276	170*	378
			CYPRESS							
*3981	CHARLES P. WOOD	G A STURMAN	BIEHL	10-1S-13W		398		76		119
			CYPRESS							



TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

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Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71				Injection water		Remarks	
	Depth (ft)	Net pay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (*API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source		Type
								Inj.	Prod.		SD = Sand GRAV = Gravel PROD = Produced SH = Shallow		(F) = Fresh (B) = Brine (M) = Mixed
NEW HARMONY C, EDWARDS, WARASH, WHITE (CONTINUED)													
3965	1800	15.0				06-59		2	1	40	GRAVEL BED (F)		*INCL WITH 3938
4416	2698	30.0	18.0	150		07-67		1	1	20	PENN SO, PROD (B)		
3885	2480	14.0				08-70		3	5	80	PRODUCED, FRESH (M)		
	2640	18.0						2	1	40			
	2750	22.0						1	3	40			
	2930	10.0						2	1	60			
3895	2075	16.0	20.0	140	30.8	04-63		2	2	60	RENN SO, PROD (B)		
3857	1900	10.0				06-66		1	2	40	PRODUCED (B)		*ESTIMATED
	2100	22.0						2	2	40			
	2400	16.0						1	1	20			
4226	2550	10.0				06-57		6	9	180	RIVER GRAVEL (F)		*ESTIMATED
	2660	10.0				11-52		3	4	80			
	2800	15.0				11-52		8	8	160			
3861	1718	12.0			35.9	01-63		4	3	40	PRODUCED (B)		
4227	2260	19.5	17.9	120	37.5	12-53		4	6	200	GRAV, PROD (M)		*ESTIMATED
4276	2550	14.0				06-59		3	4	80	SH SO, GRAV (F)		*ESTIMATED
	2680	16.0						1	3	50			
	2807	24.0						1	2	40			
*3967	2550	22.0	15.0	36	38.4	03-60	07-70	7	4	160	SH SO, PROD (M)		
4317	2578	19.0			36.0	04-61		1	1	20	SH SO, PROD (M)		*ESTIMATED
	2672	19.0						1	1	20			
	2845	18.0						2	2	40			
4393	2580	10.0			36.0	07-63		1	1	20	SH SO, PROD (M)		*ESTIMATED
	2680	13.0						1	2	40			
	2930	10.0						1	2	40			
4401	2330	8.0				04-64		3	5	90	SH SO (F)		*ESTIMATED
1009	2730	20.0				02-69		2	9	130	RENN SO (B)		*ESTIMATED +INCL PRIM SINCE 2-69
3370	1937	16.0	15.0	200		02-65		5	2	200	SH SO, PROD (M)		*ESTIMATED
3893	1937	8.0	16.0	320		11-53		3	3	70	GRAV, PROD (M)		*ESTIMATED
	2246	4.0	18.8	83				4	4	80			
3995	2413	9.0				06-62		1	1	10	PRODUCED (B)		*ESTIMATED
3962	2303	14.0			35.0	10-59		5	5	50	PRODUCED (B)		
3891	2320	12.0			34.4	10-63		1	4	160	SH SO, PROD (M)		
*3892	2320	12.0			33.9	10-63	05-70	5	6	180	SH SO, PROD (M)		*EST 1965-67 DATA ONLY
4300	2598	18.0			35.6	01-61		5	4	150	SH SO, PROD (M)		
	2800	14.0				01-61	01-69	1	2	20			
	2910	10.0				01-61	01-69	1	2	60			
4392	2820	20.0	11.7	7	36.5	03-63		2	2	100	SH WELL (F)		
*3928	2600	17.0	16.0	35	35.0	09-56	02-69	13	15	524	SH SO, PROD (M)		
4216	2600	9.0	15.0	8	35.0	03-56		12	8	240	GRAVEL BED (F)		*ESTIMATED
	2650	11.0						3	2	60			
	2800	14.2						9	11	200			
*4217	2900	9.4			34.5	09-56	12-59	4	7	120	GRAVEL BED (F)		
4320	2200	15.0			36.0	11-59		3	2	50	GRAVEL BED (F)		*ESTIMATED
	2580	11.5	17.0	30				13	13	280			
	2690	10.0	11.0	13				3	3	60			
	2710	15.0	11.0					3	2	60			
	2830	18.0	20.0					15	15	320			
*1016	2566	12.0				04-58	02-62	1	2	30	GRAV, PROD (M)		
*3957	2531	13.0	17.0	20	39.5	10-56	04-66	2	1	20	GRAV, PROD (M)		
*4222	2630	10.0	17.7	145		05-55	10-57	1	2	30	TAR SPR, PROD (B)		
*4287	2552	10.0				03-53	12-62	1	2	30	GRAV, PROD (M)		
*4293	2800	20.0				03-59	12-64	2	2	40	GRAV, PROD (M)		
3925	2500	25.0	21.0	200	39.0	10-55		1	4	120	PRODUCED (B)		
	2640	7.0	17.7			06-56		2	2	60			
	2960	4.0				06-54		1	2	60			
3997	2770	10.0	19.0			06-62		2	4	100	PRODUCED (B)		
*4223	2900	5.0			36.9	08-47	02-57	1	2	90	GRAVEL BED (F)		
*4269	2900	7.0			38.0	05-48	07-52	1	1	40	GRAVEL BED (F)		
4293	2600	9.0			36.0	03-53		1	4	50	PRODUCED (B)		*INCL ALL PAYS
	2700	9.0	13.0			03-53		1	2	20			
	2885	10.0	13.0	30		03-53		1	1	30			
*4235	2250	13.3	17.3	85	37.4	02-54	01-70	1	1	121	GRAVEL BED (F)		
*4236	2830	8.9	17.9	48	37.0	11-50	01-70	1	32	660	RIVER GRAV, PROD (M)		*INCL WITH 4390
*4237	2710	12.4	15.4	32	37.0	11-50	01-70	3	48	1000	RIVER GRAV, PROD (M)		*INCL WITH 4390
4238	2206	43.0	19.2	475	38.0	10-53		1*		333	GRAV, PROD (M)		*ILLINOIS PORTION OF PROJ
4280	1930	6.0	10.0	50	36.0	11-65		2	8	100	GRAV, PROD (M)		*INCL ALL PAYS
	2244	8.0	14.0	47	36.0	08-66		2	3	40			
	2746	5.0	15.0	32	36.0	11-65				20			
	2972	12.7	18.1	43	37.8	02-59			3	120			
4302	2207	10.0	18.0	46	37.0	02-66		1	2	80	GRAVEL BED (F)		
4311	2193	8.0	16.0	40	36.0	02-65	05-70	1	9	160	GRAV, PROD (M)		*INCL ALL PAYS
	2600	12.0	18.0	100				8	16	240			
	2741	10.0	15.0	37			06-58		2	70			
	2850	19.0	15.0	12	30.0	12-55		8	4	230			
	2886	7.0	14.0	295		10-56		2	14	100			
4390	707	9.0	23.1	159	33.0	07-70		3	3	60	RIVER GRAV, PROD (M)		*INCL 4236, 4237, 4391
	2550	10.0	17.0	37	37.0	03-64		107	113	3138			
4391	2120	10.0	14.0	47	37.0	08-54		16	35	400	RIVER, PROD (M)		*INCL WITH 4390
	2210	8.0	17.0	40	37.0	03-55		10	17	220			
3944	2450	15.0				11-55		6	11	140	GRAVEL BED (F)		
3864	1700	8.7	19.5	126	37.0	01-65		17	31	525	SH SO, PROD (M)		*INCL BOTH PAYS
	2460	11.1	19.2	59	37.0			18	31	801			
*4333	2296	16.0			38.3	11-51	01-68	2	4	80	SH SO, PROD (M)		*INCL WITH 4334
*4334	2670	25.0			38.3	11-51	12-68	2	3	80	SH SO, PROD (M)		*INCL WITH 4335
*4371	2930	25.0				02-63	12-67	1	2	30	GRAV, PROD (M)		
3910	2410	13.0			36.9	04-67		1	1	20	PRODUCED (B)		*ESTIMATED
	2530	7.0						1	1	20			
3949	1740	15.0	20.6	39	37.0	10-56		1	4	50	SH SO (F)		*NO DATA SINCE 1957
4341	3000	5.0				10-43		1	4	50	GRAVEL BED (F)		*ESTIMATED, NO DATA SINCE 1961
1028	2150	12.0				06-64		3	6	120	SH SO, PROD (M)		*ESTIMATED
	2640	12.0						2	4	60			
*3981	1780	10.0	10.3	25	33.0	03-61	08-68	1	1	20	RURCH, PROD (B)		
	2235	12.0						2	1	30			

Field, County	General information				Production and injection statistics (M bbls)						
Project no. * = ABD. + = P. M.	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production		
					Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	
NEW HAVEN C, WHITE											
*4247 ATLANTIC RICHFLO		NEW HAVEN U	TAR SPRINGS CYPRESS	17-7S-11E		1844		696		73	
4289 ALVA C. DAVIS		GREATHOUSE ISLAND U	TAR SPRINGS CYPRESS	7-7S-11E, 7-7S-14W	411*	2203*	33.2*	247*	100*	425*	
4351 ILL. LSE. OP.		WASEM	TAR SPRINGS	24-7S-10E		590		22		155	
4388 ILL. LSE. OP.		OEAD RIVER UNIT	TAR SPRINGS	13,18-7S-10E	36	783	9.1	439	55	216	
4278 MARION CORP		G.N. BOETTICHER	CYPRESS	19-7S-11E	9	114	4.8	113	9	116	
NEW MEMPHIS, CLINTON											
417 ELMER DELZE		NEW MEMPHIS SEC.REC.	DEV-SIL	34,35-1N-5W;3,4-1S-5W	450*	3200	40.0*	131	200*	900	
JAKOALE, JEFFERSON											
*2014 TEXACO, INC.		GREEN-VANDERHEID	AUX VASES	12-2S-4E		554		17		247	
JAKOALE N, JEFFERSON											
2018 ILL. LSE. OP.		NORTH OAKDALE UNIT	MCCLOSKEY	3-2S-4E	60	858	20.6	290	104	601	
OAK POINT, CLARK, JASPER											
* 223 M AND E ORLG. CO		B. FINNEY	AUX VASES	31-9N-14W		73		7		81	
225 M AND E ORLG. CO		FINNEY-PING-WARD	AUX VASES	31-9N-14W	300*	3191	20.0*	165	500	500	
JOIN, MARION											
*2600 ASHLAND O AND R		JOIN UNIT	CYPRESS	1,12,13-2N-1E;6,7,18-2N-2E		8034		1321			
OLD RIPLEY, BCNO											
6 E. & B. MORRIS		RIPLEY U	PENN	21,28-5N-4W	28*	1098*	1.4*	82*	28*	325*	
OLNEY C, JASPER, RICHLAND											
3426 BELL BROTHERS		OUNOAS SOUTH UNIT	SPAP MTN	3,10-4N-10E	386	3940	6.3	224	347	2954	
3435 D T DRILLING		NORTH OLNEY U	SPAR MTN	28,32-4N-10E	40*	320	7.4*	30	40*	71	
*3407 GULF OIL CO		EAST OUNDAS UNIT	MCCLOSKEY	25,26,35,36-5N-10E		953		152		207	
1903 ILL. LSE. OP.		BESSIE	MCCLOSKEY	23-5N-10E		251		44		225	
*1904 SOHIO PETROLEUM		OUNCAS EAST UNIT	OHARA	14-5N-10E		2003		142		1378	
*3408 TEXACO, INC.		EAST OLNEY	MCCLOSKEY	23,24,25,26-4N-10E	3	3834	0.6	269	3	1286	
3420 TEXACO, INC.		OLNEY WATER FLOOD	MCCLOSKEY	27-4N-10E	61	4394	10.4	599	61	3347	
*1914 TRI-STATE CASING		MILLER-EUNICE	MCCLOSKEY	23-5N-10E		1339		57		908	
OLNEY S, RICHLAND											
*3422 M V RING		KURTZ-MARTZ	MCCLOSKEY	28-3N-10E		32					
OMAHA, GALLATIN											
1439 ALVA C. DAVIS		CANE CREEK U	AUX VASES	4-8S-8E	129	581	7.8	42	38	221	
1437 T. W. GEORGE		OMAHA S UNIT	AUX VASES	34-7S-8E,3,4-8S-8E	316	1679	31.6	612	157	484	
*1414 HUMBLE O AND R		OMAHA	PALESTINE	33-7S-8E, 4-8S-8E		5763		3119		4436	
1443 HUMBLE O AND R		OMAHA	PALESTINE	33-7S-8E;4-8S-8E	1323	3772	85.7	223	784	1909	
			TAR SPRINGS								
			AUX VASES								
*1434 NAPCO		PHILLIPS FLOOD	SPAR MTN	32-7S-8E		40		7		2	
OMAHA S, GALLATIN, SALINE											
1447 AMERICAN PUMP		OMAHA S PALESTINE U	PALESTINE	32-7S-8E	6	6	1.2	1	2	2	
1448 AMERICAN PUMP		OMAHA S UNIT	HAROLDSBURG	31,32-7S-8E;5,6-8S-8E	251	251	18.5	19	17	17	
			CYPRESS								
			OHARA								
			SPAR MTN								
*1432 OAVIO POTSTEIN		WOOLARO	CYPRESS	7-8S-8E		164					
ORCHAROVILLE, WAYNE											
4093 OUNCAN LSE+ROY		HNSN,SHLTN,YOUNGBLOOD	AUX VASES	29-1N-5E	32	225	10.6	69			
ORIENT, FRANKLIN											
1335 V. R. GALLAGHER		ORIENT	AUX VASES	9-7S-2E	300	1675	18.7	88	80	500	
OSKALOOSA, CLAY											
* 307 TEXACO, INC.		OSKALOOSA UNIT	BENOIST	26,27,34,35-4N-5E		158		1219		3393	
342 TEXACO, INC.		OSKALOOSA UNIT	AUX VASES	26,27,34,35-4N-5E	52*	1796*	4.0*	121*	51*	438*	
			MCCLOSKEY								
PARKERSBURG C, EDWARDS, RICHLAND											
*3432 ACME CASING		RIDGLEY	MCCLOSKEY	30-2N-14W		82		7		44	
*3415 CALVERT EASTERN		PARKERSBURG	MCCLOSKEY	16,21-2N-14W		107		26*		43	
*3424 CONTINENTAL OIL		KOERTGE 'A'	BETHEL	30-2N-14W		179		6		25	
*3409 MARATHON OIL CO.		PARKERSBURG U	MCCLOSKEY	8-3N-9E		5134*		150*		1859*	
*1017 V. T. ORLG. CO.		PAPKERSBURG U	CYPRESS	6-1N-14W, 31-2N-14W		911*		145*		470*	
PASSPORT, CLAY											
354 P & R OIL CO		PASSPORT UNIT	MCCLOSKEY	2-4N-8E, 35-5N-8E	140*	1610	7.3*	204	80*	681	
308 SHAKESPEARE OIL		STANLEY-HINTERSHER	MCCLOSKEY	12-4N-8E	46	553	3.8	54*	35	263	
327 SHAKESPEARE OIL		PASSPOPT U	MCCLOSKEY	11,12,14-4N-8E	513	10913	7.9	564	294	6748	
PASSPORT S, CLAY, RICHLAND											
*3417 CONTINENTAL OIL		PASSPORT SOUTH UNIT	CYPRESS	18-4N-9E		406		43		76	
PATOKA, MARION, CLINTON											
*2601 KARCHMER PIPE		PATOKA BENOIST	BENOIST	20,21,28,29-4N-1E		68093		6542		48046	
2602 KARCHMER PIPE		PATOKA ROSICLARE	SPAR MTN	21,28,29-4N-1E	150*	5399	11.3*	1556	150*	5094	
*2603 KARCHMER PIPE		STEIN UNIT	CYPRESS	28-4N-1E		220		63		228	
2614 KEWANEE OIL CO.		W. PATOKA TRENTON U	TRENTON	1-3N-1W	840*	8553	18.1*	512	620*	3554	
				6-3N-1E, 31,32-4N-1E							
PATOKA E, MARION											
2638 HIGHLAND OIL CO		THALMAN	CYPRESS	35-4N-1E			18.1	132			
*2629 MOBIL OIL COPP.		F M PEDDICORO	CYPRESS	34-4N-1E		138		7		9	
2631 SHELL OIL CO.		EAST PATOKA UNIT	CYPRESS	34-4N-1E	959	5590	42.6	387	777	4179	
			BENOIST								



TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71					Injection water		Remarks
	Depth (ft)	Net pay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (*API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow	Type (F) = Fresh (B) = Brine (M) = Mixed	
NEW HAVEN C, WHITE													
*4247	2090	7.0	17.5	50	39.0	07-54	05-68	2	4	175	SH SD (F)		
	2435	10.0						10	10	325			
4289	2148	24.0	18.0	48	37.0	01-56		2	3	60	RIVER GRAV (F)		*13.9% DF TDOTALS ALLDCATED
	2476	10.0	14.8	17				2		30			TD ILL PDRT(DN OF PRDJ
4351	2135	10.0	18.0	350	37.0	07-62		1	3	90	GRAVEL BED (F)		*OPERATION SUSPENDED 1970
4388	2200	6.0	19.0	98	38.0	09-64		3	7	78	GRAVEL BED (F)		
4278	2435	12.0	15.0	45	36.0	08-59		1	4	40	SH SD (F)		
NEW MEMPHIS, CLINTON													
417	1960	99.0				06-68		3	23	580	SALEM, PROD (B)		*ESTIMATED
JAKDALE, JEFFERSON													
*2014	2870	15.0	20.2	120	36.5	03-61	12-64	3	2	100	PENN SD, PROD (B)		
JAKDALE N, JEFFERSON													
2018	2931	10.0				06-64		4	7	290	POND, PRDD (M)		
JAK PDINT, CLARK, JASPER													
* 223	1180	20.0			36.6	10-58	12-60	2	6	80	PENN SD (B)		
225	1190	12.0	13.1	40	36.6	04-67		20	12	220	GRAVEL BED (F)		*ESTIMATED
JODIN, MARION													
*2600	1700	15.0	20.0	78	38.0	10-49	10-62	14	22	230	TAR SPR, PRDD (B)		
OLD RIPLEY, BOND													
6	600	20.0			36.0	09-57		10	11	110	SH SD, PRDD (M)		*ESTIMATED
OLNEY C, JASPER, RICHLAND													
3426	2991	4.7	15.4	281	40.0	09-63		10	7	740	PENN SD (B)		
3435	2950	6.0				09-66		2	5	210	SH SD, CREEK (F)		*ESTIMATED
*3407	2985	6.0	12.5		41.4	10-56	09-62	5	4	220	PENN SAND (B)		
1903	2925	5.0	12.0			01-61		1	1	80	PRODUCED (B)		*TEMP ABD 1970
*1904	2900	8.0			35.0	04-55	05-61	4	7	120	CYPRESS (B)		
*3408	3100	5.3	13.8	522	37.0	03-51	04-71	1	2	458	PRODUCED (B)		
3420	3000	13.0	13.8	500	37.0	11-46		1	3	280	PRODUCED (B)		
*1914	2940	14.0	16.8	775	40.0	05-54	12-66	1	1	40	PRODUCED (B)		
OLNEY S, RICHLAND													
*3422	3150	6.0				06-61	01-62	1	4	50	CYPRESS (B)		
OMAHA, GALLATIN													
1439	2678	30.0			37.6	11-65		2	7	100	SH SD, PRDD (M)		
1437	2710	12.0	12.0		41.5	10-65		5	13	253	PENN SD (B)		
*1414	1700	17.0	18.9	427	26.0	10-44	02-69	1	16	280	PRODUCED (B)		
1443	1700	17.0	18.9	427		02-69		4	25	425	PRODUCED (B)		
	1950	20.0	16.4	20				3	3	100			
	2650	10.0	9.2	5				1	2	30			
*1434	2760	20.0			37.0	05-65	11-66	1	3	40	CREEK, PRDD (M)		
OMAHA S, GALLATIN, SALINE													
1447	1725	9.5	17.0	50	27.1	12-71		2	5	133	PRODUCED (B)		
1448	2175	12.0	14.0	10	35.0	03-71		3	2	60	SH SAND (F)		
	2375	5.0	15.0	50	36.0			1	1	20			
	2725	4.0	13.0	60	37.5			4	16	240			
	2780	4.0	13.0	20	37.5			1	2	50			
*1432	2541	19.0	12.9	24	27.0	10-60	12-63	1	1	20	TAR SPRINGS (B)		
ORCHARDVILLE, WAYNE													
4093	2835	10.0				08-65		1	3	40	SH SD, PRDD (M)		
ORIENT, FRANKLIN													
1335	2670	12.0				10-66		1	3	40	TAR SPRINGS, PRDD (B)		*ESTIMATED
OSKALOUSA, CLAY													
* 307	2600	14.2	15.6	54	37.0	01-53	10-68	9	4	396	PENN SD, PROD (B)		
342	2641	10.0	13.0		37.0	12-63		3	3	100	PENN SD, PROD (B)		*INCL DRDPPED PROJ 341
	2742	11.0			37.0			3	3	100			
PARKERSBURG C, EDWARDS, RICHLAND													
*3432	3190	8.0				04-55	02-69	1	3	80	PRODUCED (B)		
*3415	3060	10.0				01-55	01-56	2	7	160	PRODUCED (B)		*INCL PRIM PROD 1-55 TD 1-56
*3424	2960	15.0				09-59	07-64	1	1	20	PRODUCED (B)		
*3409	3130	8.0	18.0	800		03-55	12-64	5	5	200	CYPRESS, PRDD (B)		*INCL 3416
*1017	2770	14.8	16.8	120	37.2	02-59	12-68	3	8	256	PENN SD, PROD (B)		*ESTIMATED 1965-68
PASSPORT, CLAY													
354	3025	10.0	15.0	35	38.0	06-65		3	2	260	PENN SD, PRDD (B)		*ESTIMATED
308	3000	9.0			37.0	09-57		1	2	40	PRODUCED (B)		*INCL PRIM PROD SINCE 9-57
327	3000	10.0	16.9	911	38.2	07-58		4	5	305	CYPRESS, PRDD (B)		
PASSPORT S, CLAY, RICHLAND													
*3417	2700	8.0	15.0	60		07-59	06-64	2	2	100	PENN SD, PROD (B)		
PATOKA, MARION, CLINTON													
*2501	1410	27.0	19.0	110	39.0	09-43	12-70	40	47	527	PRODUCED (B)		
2602	1550	9.0	18.8	223	40.0	07-48		21	12	445	PRODUCED (B)		*ESTIMATED
*2603	1280	10.0	21.0	32	39.0	08-51	12-70	6	2	61	PRODUCED (B)		
2614	3930	17.0	9.0	3	43.0	05-61		11	14	520	PENN SD, PROD (B)		*ESTIMATED
PATOKA E, MARION													
2538	1740	15.0				06-65			10	100			*ADJACENT TO ACTIVE W.F.
*2629	1370	19.0	19.2	62	38.6	06-66	01-68	2	1	30	TAR SPR, PRDD (B)		
2631	1350	18.0	20.0	139	36.0	06-65		15	7	150	TAR SPR, PRDD (B)		
	1465	11.0	18.0	120				2	4	60			

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County	General information				Production and injection statistics (M bbls)						
	Project no. * = ABD. + = P. M.	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production	
						Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71
PATOKA S, MARION											
2627	JOE SIMPKINS OIL	PATOKA SOUTH	CYPRESS	4,5,3,9-3N-1E	600*	9990	31.7*	857	600*	4348	
2619	TROOP DRILLING	BENDIST-SANOSTONE U	BENDIST	5-3N-1E	150	756	31.6	285	150	690	
PHILLIPSTOWN C, EDWARDS, WHITE											
4395	ABSHER OIL CO	GARFIELD-PARSON	AUX VASES	7-4S-14W	75*	1800	15.3*	252	48*	897	
4249	C. E. BREHM	PHILLIPSTOWN UNIT	PENN	19,30-4S-14W,	143	898	8.7	175		170*	
			CYPRESS	30-4S-11E							
*4251	BRITISH-AMERICAN	N CALVIN UNIT	PENN	31-3S-14W		3686		1215		2777	
*4344	COY OIL CO	GREEN	BETHEL	30-3S-11E	1	61	0.2	11		8	
*4319	DUNCAN LSE+RNY	METCALF	BIEHL	31-3S-14W	41	650	0.6	30			
4298	EASON OIL CO.	CLARK WATERFLOOD	CLARK	30-4S-11E	423	2181	94.5	447**	170	728	
			DEGONIA								
			BETHEL			1102*					
4243	FISK & FISK	RAWLINSON 7	AUX VASES								
			DEGONIA	29-3S-14W	54	352	8.4	59	48	276	
			CLORE								
			CYPRESS								
			BETHEL								
			AUX VASES								
			MCCLOSKEY								
4245	FISK & FISK	RAWLINSON	CYPRESS	29-3S-14W	30*	135	1.5*	17	15	35	
4343	FISK & FISK	SEIFRIED WF	BIEHL	30-3S-11E	42	1219*	3.6	56*	30	306*	
			BETHEL								
4373	V. R. GALLAGHER	CLEVELAND TAR SPRGS U	TAR SPRINGS	25-4S-10E	32*	354	4.5*	182*	20*	130	
4387	V. R. GALLAGHER	KUYKENOALL	BRIDGEPORT	25-4S-10E	356	1102	20.5	189	109	325	
			BUCHANAN								
4224	GETTY OIL CO	N PHILLIPSTOWN	DEGONIA								
			PENN	18,19-4S-11E	666	1878	53.0	182	320	1089	
			DEGONIA								
4370	GETTY OIL CO	DENNIS "B" DEEP	CLORE								
			BETHEL	18-4S-11E	122	122	1.2	1	11	11	
			AUX VASES								
4414	JARVIS BROS.	CLEVELAND	MCCLOSKEY								
			DEGONIA	36-4S-10E,1-5S-10E,	226	1487	12.9*	410*	50	922	
			TAR SPRINGS	31-4S-11E							
*4277	KIRBY PETROLEUM	W.P.B.S. UNIT	BENDIST	26,35-4S-10E		1791		160		949	
1029	L V C CORPORATION	JOHNSON COOP	MCCLOSKEY	18-3S-11E	84*	1031	3.9*	60	50*	127	
4284	W. C. MCBRIDE	ARNOLD	PENN	6-4S-14W	289	1264	118.5	473	171	399	
			WALTERSBURG								
			AUX VASES								
*4250	MOBIL OIL CORP.	GRAYVILLE U	CYPRESS	20,29-3S-14W		787		144		552	
*4252	MOBIL OIL CORP.	N CALVIN	BIEHL	30,31-3S-11E		1156		426		499	
*4369	E. H. MORRIS EST	MORRIS A, B	CYPRESS	19,30-3S-11E		109*		3*			
4323	CARL J. NEER	MICHAELS-GREEN-STURM	CYPRESS	30-3S-14W	70*	255	2.8*	9	35	186	
			BETHEL								
			AUX VASES								
4342	ELMER M NOVAK	N. CALVIN BIEHL UNIT	BIEHL	31-3S-14W	43*	698	2.2*	38	43*	566*	
4215	PHILLIPS PET. CO	KERN U	TAR SPRINGS	35,36-4S-10E,	204	932	20.5	56	13	72	
			AUX VASES	1,2-5S-10E							
*4254	PHILLIPS PET. CO	LAURA	BETHEL	19-4S-11E		197		16		51	
4255	PHILLIPS PET. CO	PHILLIPSTOWN UNIT	PENN	30-4S-11E	32	1837	23.5	220	7	504	
			BETHEL								
			AUX VASES								
4349	ROYALCO, INC.	PHILLIPSTOWN U	DEGONIA	1-5S-10E,5-5S-11E	119	1558	22.4	458	70	426	
			TAR SPRINGS								
*4232	SKILES OIL CORP.	L.D. CLEVELAND	TAR SPRINGS	36-4S-10E		48					
4225	SUN OIL CO.	CARR-RENSHAW	CLORE	18-4S-14W		509	34.9	73	15	26	
			AUX VASES								
			MCCLOSKEY								
*4256	SUN OIL CO.	PHILLIPSTOWN U	CLORE	6-5S-11E		234		110		58	
4257	SUN OIL CO.	PHILLIPSTOWN U	DEGONIA	5-5S-11E	127	955	6.3	42	123	1050	
			TAR SPRINGS								
*4270	SUN OIL CO.	PHILLIPSTOWN	TAR SPRINGS	6-5S-11E		58				251	
4315	TEXACO, INC.	PHILLIPSTOWN COOP	BETHEL	18-4S-14W	285	909	4.7	17	67	139	
			AUX VASES								
			MCCLOSKEY								
4253	WEST DRILLING CO	FLORA UNIT	DEGONIA	2-4S-10E	80*	1411	2.8*	125	80*	949	
4306	WEST DRILLING CO	LAURA JOHNSON	DEGONIA	19-4S-11E	36*	81	13.0*	30	90*	240	
			AUX VASES		30*	75					
			OHARA		35*	80					
PHILLIPSTOWN S, WHITE											
4357	REBSTOCK OIL CO.	GIVEN-BROWN	TAR SPRINGS	11-5S-10E	40*	505	1.4*	142	40*	94	
RACCOON LAKE, MARION											
2616	TEXACO, INC.	RACCOON LAKE UNIT	MCCLOSKEY	3-1N-1E		1006		182*		1765*	
*2617	TEXACO, INC.	RACCOON LAKE UNIT	SPAR MTN	3-1N-1E		747					
2626	TEXACO, INC.	RACCOON LAKE UNIT	CYPRESS	3-1N-1E	217	1441		24	2-5*	2616	
			BENDIST			509					
RALEIGH, SALINE											
3615	WALTER DUNCAN	SPURLOCK	CYPRESS	2-8S-6E	10	131	2.1	51	10	49	
3617	FARRAR OIL CO.	RALEIGH UNIT	CYPRESS	35-7S-6E, 2-8S-6E	298*	4343	20.5*	893	102	102	
*3605	KEWANEE OIL CO.	RALEIGH U	AUX VASES	10,15,16-8S-6E		1874		282		964	
RALEIGH S, SALINE											
3618	HERMAN GRAHAM	S. RALEIGH U	AUX VASES	20-8S-6E	220	1301	21.1	152	175	599	
*3604	ILL. MIO-CONT.	RALEIGH UNIT	AUX VASES	20-8S-6E		1246		64		800	
3616	RK PET. CORP.	LEITCH ETAL	AUX VASES	20,21,28,29-8S-6E	47	1034	18.1	91	25	138	
RAYMOND E, MONTGOMERY											
*2900	QARE PETROLEUM	FOSTER-POGGENPOHL	PENN	15,22-10N-4W		38*		6*		15*	
RICHVIEW, WASHINGTON											
4016	NICK BARAPE	CANTRELL-MARTOCCIO	CYPRESS	2-2S-1W	50*	50	12.5*	13	45*	45	
4015	N. A. BALOPIDCE	RICHVIEW	CYPRESS	2-2S-1W	200*	240*	52.4*	72*	100*	110*	
4012	C. T. EVANS	RICHVIEW UNIT	CYPRESS	2-2S-1W	627	3305	57.6	334*	295	930	

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71					Injection water		Remarks
	Depth (ft)	Netpay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (°API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow	Type (F) = Fresh (B) = Brine (M) = Mixed	
PATOKA S., MARION													
2027	1360	15.1				08-64		29	29	580	TAR SPR, PROD (B)		*ESTIMATED
2614	1456	14.0			36.5	02-64		6	13	200	TAR SPR, PROD (B)		
PHILLIPSTOWN C., EDWARDS, WHITE													
4395	2385	15.0			38.5	04-61		1	3	222	PENN SD, PROD (B)		*ESTIMATED
4249	1950	10.0	13.0	36	36.0	06-65		3	5	40	PENN SD, PROD (B)		*THRU 1969 ONLY
	2730	10.0						2	4	60			
*4251	1550	29.0	17.6	86	32.0	06-51	11-63	0	9	180	TAR SPR, PROD (B)		
*4344	2320	10.0	13.0	8	36.0	11-62	01-67	1	2	30	GRAV, PROD (M)		
*4319	1824	12.0			32.8	12-64	06-71	2	4	40	TAR SPR, PROD (B)		
4298	1350	15.0	22.2	275		04-70		3	8	80	SH SD, PROD (M)		*CLARK, DEG *BETHEL, AUX VASES
	1950	40.0	16.5	21		01-65	00-00	8	9	80			**ALL PAYS
	2310	14.0				06-60	12-65						
	2920	10.0				09-60	12-65						
4243	1097	3.0				01-65		1	1	80	PRODUCED (B)		
	2050	6.0						1	1	50			
	2700	14.0						1	5	60			
	2903	8.0						2	3	80			
	7910	11.0						1	3	50			
	3000	12.0						1	2	60			
4245	2700	10.0				07-57		1	2	30	PURCHASED (M)		*ESTIMATED
4343	1842	14.0	16.2	83	32.0	06-52		2	2	50	PENN SD, PROD (B)		*INCL PRDJ 4370
	2920	11.0	14.2	10				3	4	150			
4373	2310	9.0	18.3	68	33.9	10-53		3	2	150	PENN SD, PROD (B)		*ESTIMATED PRDD SINCE 10-63
4387	1300	15.0				01-71		1	1	20	PENN SD, PROD (B)		
	1490	15.0				07-64		2	2	40			
	1370	16.0				01-67		1	2	40			
4224	1400	10.0				01-70		2	2	40	PENN SAND, PRDD (B)		
	1950	16.0				12-67		7	14	191			
	2035	6.0				12-67		3	4	80			
4370	2445	15.0			34.0	05-71		2	2	37	PENN SD, PROD (B)		
	2030	23.0						2	2	37			
	3040	23.0						2	2	37			
4414	1935	15.0				11-57		1	4	90	PRODUCED (B)		*INCL PRIM PRDD SINCE 11-67
	2385	7.0				05-65		2	4	380			
*4277	2340	11.0	15.5	150	38.0	06-55	12-63	9	12	270	PENN SD, PROD (B)		
1029	3116	5.0	12.0	100	37.0	05-64		2	1	35	PENN SD, PROD (B)		*ESTIMATED
4284	1500	25.0	16.5	168		11-67		2	3	70			
	2290	5.0						2	1	30			
	2900	10.0	14.0	100				2	3	70			
*4250	2850	27.4	18.4	64		08-54	07-59	2	4	60	PRODUCED (B)		
*4252	1930	11.0			32.8	05-51	02-61	5	9	60	SH SD, PROD (M)		*INCL PRIM PRDD
*4369	2700	10.0				08-53	12-55	3	4	40	SH SD (F)		*NO DATA SINCE 1964
4323	2700	10.0				05-63		1	2	30	PENN SD (B)		*ESTIMATED
	2425	6.0						1	2	30			
	2920	10.0						1	3	40			
4342	1900	25.0	17.7		32.0	06-53		3	5	30	PRODUCED (B)		*ESTIMATED
4215	2340	13.0			36.0	03-68		1	2	30	WELL, PROD (M)		
	2950	19.0	20.0	60				2	4	90			
*4254	2800	10.0	15.0	45	37.0	03-52	01-64	2	5	20	PRODUCED (B)		
4255	1950	47.0				08-71		1	5	60	PRODUCED (B)		
	2400	18.0				10-57		6	2	80			
	2330	24.0				10-57		2	5	80			
4349	1970	10.0	18.3	35	37.7	09-62		6	10	200	RIVER, PROD (M)		
	2300	8.0	15.0	29	35.7			2	3	70			
*4232	2300	12.0				11-55	01-58	1	2	30	PENN SAND (B)		
4225	2015	20.0			36.0	01-68		1	3	40			*INJ INTO LINE WELLS BY ADJ DP
	2855	18.0						1	1	20			
	3040	8.0						2	2	60			
*4256	2000	10.0				12-55	06-60	1	5	50	PRODUCED (B)		
4257	1925	16.0			36.0	12-69		1	3	40	PRODUCED (B)		
	2300	7.0				02-55		2	5	80			
*4270	2248	10.0			34.5	01-53	06-54	1	9	10	PRODUCED (B)		
4315	2800	17.0	14.2	7	36.3	03-69		2	3	70	PRODUCED (B)		
	2900	10.0	14.2	31				2	3	70			
	3050	10.0						4	4	90			
4253	2000	15.0	19.0	100	37.0	09-53		2	2	25	PRODUCED (B)		*ESTIMATED
4306	1980	20.0				08-69		1	2	40	PRODUCED (B)		*ESTIMATED
	2960	9.0						1	2	40			
	3035	10.0						1	1	30			
PHILLIPSTOWN S., WHITE													
4357	2320	12.0	19.1	33		12-62		2	3	60	SH SD (F)		*ESTIMATED
RACCOON LAKE, MARION													
*2615	1900	6.0	10.3	292	36.0	07-51	12-60	3	2	100	PRODUCED (B)		*INC 2617
*2517	1400	5.0	13.3	443	35.0	07-51	12-66	2	2	80	PRODUCED (B)		*INCL WITH 2616
2620	1550	15.0			35.0	03-65		2	3	120	PRODUCED (B)		*INJ DISC 05-69 *PRDD RATE
	1730	15.0						1	1	70			EQUALS EXTRAPOLATED PRIMARY
RALEIGH, SALINE													
3615	2550	10.0			32.0	05-64		1	1	20	PENN SD, PROD (B)		
3617	2553	14.0			33.7	05-62		18	14	350	CYPRESS, PROD (B)		*ESTIMATED 1969-70
*3605	2945	10.0	24.0	472	32.0	10-50	12-66	3	1	30	PAINT CK, PRDD (B)		
RALEIGH S., SALINE													
3618	2840	12.5	19.4	130	39.0	08-54		3	4	80	PENN SD, PROD (B)		*ESTIMATED
*3604	2850	15.0		176	40.4	12-50	01-70	1	3	40	PENN SD, PROD (B)		*NO DATA 1960, EST SINCE 1964
3616	2850	15.0	15.0		36.0	03-64		1	1	110	PRODUCED (B)		
RAYMOND E., MONTGOMERY													
*2900	595	6.0			34.1	08-59	12-67	2	2	20	PENN SD, PROD (B)		*ESTIMATED
RICHVIEW, WASHINGTON													
4016	1500	20.0				03-71		1	6	70	T.S., PROD (B)		*ESTIMATED
4015	1480	20.0				03-70		1	3	40	TAR SPR (B)		*ESTIMATED
4012	1485	12.0	21.0	117	32.0	10-66*		6	10	37	TAR SPR, PRDD (B)		*INCL PRIM PRDD SINCE 3-66

Field, County	General information				Production and injection statistics (M bbls)					
	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production	
					Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71
RICHVIEW, WASHINGTON (CONTINUED)										
4014 GARDEN DR LG	THOMSON		CYPRESS	35-1S-1W;2-2S-1W	375*	3335	47.1*	194	125*	1325
RITTER N, RICHLAND *3430 ZANETIS OIL RRDP	SE OLNEY U		SPAR MTN	18-3N-1E		92		5		54
ROACHES N, JEFFERSON 2009 TEXACO, INC.	ROACHES NORTH UNIT		BENDIST	5,8-2S-1E	154	2451		30 *	71	2036
ROCHESTER, WABASH 3970 ASHLAND O AND R	NORTH ROCHESTER U		RENN WALTERSBURG	11,14-2S-13W	172	2931	8.2	425	116	1153
3972 ASHLAND O AND R	ROCHESTER CDUP		PENN	14-2S-13W	426	5535	7.7	257	156	1058
3968 UNIVERSAL DRFTNG	KENNARD		BRIOGEPORT WALTERSBURG	14-2S-13W	1100*	11122	21.4*	765	900*	4115
ROLANO C, GALLATIN, WHITE										
4413 WM. BECKER	CROZIER-SILLIMAN		HARDINSBURG	36-5S-8E	45*	543	1.9*	36	45*	543
4324 CARMAX IND	N ROLANO U		AUX VASES	35-6S-8E;2-7S-8E	23	36	2.2	3	15	21
4350 CARMAX IND	S ROLANO U		CYPRESS	10,11-7S-8E	89	209	9.0	18	43	70
			AUX VASES							
4314 COY OIL CO	NORRIS CITY		HARDINSBURG	11,14-6S-8E	175	365	15.1	58	29	46
4375 EAGLE SUPPLY CO	ATCHLEY		CLDRE	17-6S-9E	48	366	2.6	22	48	122
4396 FEAR AND OUNCAN	MDRLEY-GREER		TAR SPRINGS	25-6S-8E	25*	170	2.7*	47	25*	97
*4361 F. J. FLEMING	DOERNER UNIT WF		WALTERSBURG	12,13-7S-8E		1458		80		888*
4403 F. J. FLEMING	ROLANO U		CYPRESS	1,12,13-7S-8E	408*	1738	34.7*	161	92*	197
			BETHEL							
			AUX VASES							
*4262 T. W. GEORGE	PANKEY-MOOREHEAD UNIT		CYPRESS	17,20-7S-8E		55*				
1418 HUMBLE O AND R	S. ROLANO		AUX VASES	16,21,27-7S-8E	92	1533	5.2	182	61	726
4258 HUMBLE O AND R	S.W. ROLANO		WALTERSBURG	14,15,16-7S-8E	1618	27666	73.5	2404	718	8222
			AUX VASES							
*4259 HUMBLE O AND R	STOKES U		HARDINSBURG	5-6S-9E		755		543		1270
4266 HUMBLE O AND R	ROLANO APEA U I		CYPRESS	2,11-7S-8E	940	5703	177.6	932	720	2692
			BETHEL							
			AUX VASES							
4214 MARION CORP	ROLANO POOL U AREA II		CLDRE	1,2,11,12,13, 14-6S-8E,36-5S-8E	4367	13802	524.9	2324	2128	5171
			WALTERSBURG							
			TAR SPRINGS							
			CYPRESS							
			BETHEL							
			AUX VASES							
4310 MOBIL OIL CORP.	GEN AMER LIFE		CLDRE	1-7S-8E	357	1115	27.0	82	297	615
			WALTERSBURG							
			CYPRESS							
			SAMPLE							
			AUX VASES							
*4347 E. F. MORAN, INC	NORRIS CITY		CYPRESS	33-6S-8E		771*		15		
			BETHEL							
1446 MURVIN OIL CO.	ROLANO POOL U		BETHEL	24-7S-8E	360	712	13.8	27	120	206
1449 MURVIN OIL CO.	ROLANO AUX VASES		AUX VASES	13,24-7S-9E	200*	400	45.0*	80	50*	85
4407 NAPCO	HUGHES FLOOD		CYPRESS	9-6S-9E	103	458	0.8	14	4	164
1413 ROYALCO, INC.	OMAHA U		WALTERSBURG	20,21,28,29-7S-8E	23	12051	2.7	591	73	3876*
*4318 ROYALCO, INC.	E. ROLANO		AUX VASES	2,3-7S-8E		1702		107		425
*4261 SHELL OIL CO.	IRON UNIT		HARDINSBURG	23,24,25-6S-8E		18512		2254		9380
4322 JOE SIMRKINS OIL	ROLANO POOL U		WALTERSBURG	10,11-7S-8E	330*	960	24.3*	82	135*	250
			BETHEL							
			AUX VASES							
4244 SUN OIL CO.	ROLANO WEST U		CYPRESS	4,9-7S-8E	281	2737	27.9	164	211	1319
			SAMPLE							
			AUX VASES							
			SRAR MTN							
*4260 UNION OIL CALIF.	STOKES-BROWNSVILLE U		HARDINSBURG	36-5S-8E,31,32-5S-9E, 1,11,12-6S-8E,6-6S-9E		16366		2290	60	9607
4385 UNION OIL CALIF.	WALNUT GROVE U		TAR SPRINGS	7,8,17,18,19-6S-9E	2474	13977*	246.2	1849*	1699	5445*
			CYPRESS							
			SAMPLE							
			BETHEL							
			AUX VASES							
			OHARA							
			SPAR MTN							
			MCCLOSKY							
*1435 WAUSAU RET. CORP	GOSSETT		CYPRESS	19,20-7S-8E 18-7S-9E		693		81		125
RUARK, LAWRENCE 2267 MOORE ENG	RUARK WFU		PENN	7-2N-12W	63	554	8.3	122	12	86
RUARK W C, LAWRENCE 2284 CITIES SERVICE	W. RUARK U		BETHEL	12,13-2N-13W	756	4617	52.4	570	468	2497
RURAL HILL N, HAMILTON *1515 ACME CASING	MOORE UNIT		CYPRESS	34,35-5S-5E		1539		210		544
ST FRANCISVILLE, LAWRENCE 2263 HAROLD BRINKLEY	PEPPLE AND MOODY		BETHEL	19,20-2N-11W	75*	737*	2.3*	27*	75*	268*
*2278 LOGAN OIL CO.	WILSON 'B'		BETHEL	20-2N-11W		31				
*2228 OIL RECOVERY, INC	ST FRANCISVILLE		BETHEL	20-2N-11W		90				
ST. FRANCISVILLE E, LAWRENCE 2218 BAUER BROTHERS	ALL STATES LIFE		BETHEL	22-2N-11W	146	3428	9.0	265	26	1134
ST JACOB, MADISON 2506 OGAN OIL PROD	ELLIS WF		TRENTON	27,34-3N-6W	141*	1512	9.1*	84	141*	490
2503 WARRIOR OIL CO.	TRENTON LIME UNIT		TRENTON	15,16,21,27-3N-6W	512	5514	27.7	509	355	3101
2505 WARRIOR OIL CO.	S. ST. JACOB UNIT I.		TRENTON	27-3N-6W	196	1305	6.6	53	150	1045



TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71					Injection water		Remarks
	Depth (ft)	Netpay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (*API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source	Type	
								Inj.	Prod.		SD = Sand GRAV = Gravel PROD = Produced SH = Shallow	(F) = Fresh (B) = Brine (M) = Mixed	
RICHVIEW, WASHINGTON (CONTINUED)													
4014	1477	20.0				03-63		1	4	50	T.S., PRDO (B)		*ESTIMATED
RITTER N, RICHLAND													
*3430	3190	4.0			38.8	03-64	12-65	1	3	160			
ROACHES N, JEFFERSON													
2009	1930	10.7	14.8	134	37.2	08-60		1	4	460	PRODUCED (B)		*PROD EQUALS EXTRAPOLATED PRIM
ROCHESTER, WARASH													
3970	1285	12.0	19.0	100	40.1	07-60		2	3	80	GRAVEL 8EO (F)		
	1960	20.0	18.9	100				2	5	90			
3972	1285	12.0			30.5	01-60		3	3	70	GRAV, PRDO (M)		
3968	1350	30.0	17.0	150	33.0	07-60		5	8	80	SH SO, GRAV (F)		*ESTIMATED
	1950	20.0	18.0	200	37.0			5	5	80			
ROLAND C, GALLATIN, WHITE													
4413	2636	14.0	17.0	106	38.0	03-63		2	3	280	PRODUCED (B)		*ESTIMATED
4324	2950	10.0				06-70		2	6	130	PENN SO (B)		
4350	2650	8.0				04-70		2	4	60	PENN SO (B)		
	2950	10.0						2	4	60			
4314	2575	8.0	16.0	30	36.6	10-69		5	4	110	SH SAND (F)		
4375	1991	12.0			38.0	08-67		2	1	20	PALESTINE, PRDO (B)		
4396	2332	10.0	23.9	77		02-62		1	2	80	PRODUCED (B)		*ESTIMATED
*4361	2200	15.0	18.0		31.0	06-62	01-68	4	4	80	PENN SO, PRDO (B)		*ESTIMATED
4403	2600	10.0	15.2	38		01-67		7	10	230	TAR SPRINGS (B)		*ESTIMATED
	2800	15.0				03-69		2	6	80			
	2920	9.0				01-70		1	1	20			
*4262	2620	20.0	14.0	16		10-56	12-58	2	2	40	TAR SPR, PRDO (B)		*ESTIMATED, D.F.
1418	2920	15.0	16.2	61	40.0	06-59		2	2	120	PENN SO (B)		
4258	2175	14.0	19.5	275	31.0	06-55		13	19	560	PENN SO, PRDO (B)		
	2900	12.0			39.0			2	4	110			
*4259	2530	11.0	18.8	256	35.8	07-54	12-66	1	2	128	PRODUCED (B)		
4266	2700	20.0	16.6	65	31.6	06-66		14	12	450	PENN SO, PRDO (B)		
	2775	9.0	12.4	12				1	4	130			
	2900	6.0	13.8	14				8	15	910			
4214	1900	9.0				04-68		4	7	120	WELL, PRDO (M)		
	2200	12.0						16	25	440			
	2250	7.0						2	6	90			
	2500	11.0						13	25	400			
	2750	14.0						21	32	550			
	2900	21.0						4	31	150			
4310	1960	6.0	18.7	150		10-68		2	1	30	FRESH, PRDO (M)		
	2185	12.0	19.8	264				4	4	80			
	2620	5.0						1	1	20			
	2800	8.0	13.3	73				4	4	80			
	2900	8.0	12.0	70				1	1	20			
*4347	2685	5.0				07-66	10-68	2	2	40			*INCL BOTH PAYS
	2900	30.0						4	4	80			
1445	2750	13.0	14.0	35	38.0	01-70		8	11	170	PENN SO (B)		
1449	2860	15.0				04-69		6	16	260	PRODUCED (B)		*ESTIMATED
4407	2740	14.0			37.0	04-65		2	2	20	PRODUCED (B)		
1413	1695	14.0	19.0	225	37.2	03-53		1	1	336	PRODUCED (B)		*ESTIMATED
*4314	2935	20.0	14.2	4	35.6	12-61	07-69	8	8	260	SH SO, PRDO (M)		
*4261	2500	25.0	17.6	152	37.0	12-50	04-66	20	24	440	CYPRESS, PRDO (B)		*NO DATA AFTER 4-20-66
4322	2150	15.0				07-69		4	6	160	PENN SAND (B)		*ESTIMATED
	2740	10.0						4	6	160			
	2870	15.0						6	8	180			
4244	2620	14.0	14.0	34	37.0	02-66		7	12	200	PENN SO (B)		
	2725	9.0	11.0					5	12	180			
	2925	15.0	16.5	55				6	9	160			
	3000							1	1	40			
*4260	2628	15.0	17.0	106		08-55	08-67	3	4	1142	PENN SO, PRDO (B)		
4385	2300	12.4				02-67+		16	14	300	PRODUCED (B)		*DUMP FLOOD DATA INCL OF INJ
	2640	10.5	18.0	60				14	13	302			SINCE 12-51. FIRST OF DATA 1964
	2790	10.0	17.0	50				5	5	100			*UNIT EFFECTIVE 7-66
	2890	22.0						23	20	443			
	2900	10.0						14	13	278			
	2940	3.0						5	5	100			
	2970	3.0						19	5	200			
	3060	1.3						2	2	63			
*1435	2550	12.0	19.5	80	38.0	07-64	05-70	3	7	100	PENN SO, PRDO (B)		
RUARK, LAWRENCE													
2267	1640	8.0	16.0	105	33.8	04-63		1	2	56	SH SO (F)		
RUARK W C, LAWRENCE													
2284	2250	17.0	16.0	100	38.0	08-65		20	15	279	TAR SPR, PRDO (B)		
RURAL HILL N, HAMILTON													
*1515	2400	10.0	13.8	22	35.5	05-60	01-69	3	2	140	PRODUCED (B)		
ST FRANCISVILLE, LAWRENCE													
2263	1840	12.0			41.0	04-62		2	5	80	GRAV, PRDO (M)		*ESTIMATED
*2278	1850	10.0	18.5	65		11-64	12-66	1	1	30	CYPRESS (B)		
*2228	1365	12.0	17.5	43	38.0	12-50	06-54	2	1	30	SH SO, PRDO (M)		
ST. FRANCISVILLE E, LAWRENCE													
2218	1740	27.0	17.0	40	36.5	11-57		4	4	160	RIVER GRAVEL (F)		
ST JACOB, MADISON													
2506	2340	20.0	6.0		35.6	11-65		4	7	230	SH SO, PRDO (M)		*ESTIMATED
2503	2351	15.7	9.6	11	37.0	09-62		12	12	442	AUX VASES, PRDO (B)		
2505	2320	18.0	9.6		36.0	11-65		2	5	180	AUX VASES, PRDO (B)		

110 TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County	General information				Production and injection statistics (M bbls)						
Project no. * = ABD, + = P. M.	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production		
					Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	
ST JAMES, FAYETTE											
1238	N. A. BALORIOGE	WILLIAM SMAIL	CYPRESS	36-6N-2E	144*	1167	8.7*	193	180*	1827	
1245	W. L. BELOEN	ST JAMES	CARPER	25-6N-2F	136	511	6.7*	26*	77	375	
1250	W. L. BELOEN	ST JAMES NORTH	CARPER	19-6N-3E	254	745	7.9*	62*	90	465	
1240	MARATHON OIL CO.	ST. JAMES 1-C	CYPRESS	36-6N-2E, 30,31-6N-3E	677	5998	108.4	960	510	3663	
*1222	HENRY ROSENTHAL	WASHBURN	CYRESS	30-6N-3E		1000*		198*		1000*	
1251	HENRY ROSENTHAL	WASHBURN	CARRER	30-6N-3E	373	1526	11.8	33	86	86	
1239	TEXACO, INC.	ST. JAMES WF	CYRESS	25-6N-2E,30,31-6N-3E	678	2729	30.0	366	569	3067	
STE MARIE, JASPER											
*1912	MURVIN OIL CO.	STE. MARIE	SPAR MTN	7-5N-11E		1900		18			
*1905	J. R. RANDOLPH	STE. MARIE WF	MCCLOSKEY	5,6,7,8-5N-14W				191		62	
1923	S AND M OIL CO.	STE MARIE U	MCCLOSKEY	1-5N-10E; 6-5N-11E	244	1520	8.3	72	1	297	
1920	C. R. WINN	WADE 2	MCCLOSKEY	5,6-5N-14W	130*	410	5.5*	20	90*	228	
SAILOR SPRINGS C, CLAY, EFFNGHAM, JASPER											
* 318	ASHLAND O AND R	E. FLORA	MCCLOSKEY	16,21-3N-7E		2173		195		2605	
371	ASHLAND O AND R	E FLORA	MCCLOSKEY	9-3N-7E	96	96	2.1	2	45	45	
1114	BASIN OIL PROP.	REINHART, STORTZUM	CYRESS	22-6N-7E	150*	850	23.0*	10*	120	400	
1117	OELL CARROLL	J HABBE	CYPRESS	33-6N-7E			28.3*	134			
* 309	CITIES SERVICE	WYATT	AUX VASES	13-5N-7E		848		40*		446*	
* 334	CITIES SERVICE	WYATT	SPAR MTN	13-5N-7E		23					
329	ALVA C. DAVIS	N SAILOR SPRINGS	CYPRESS	2-4N-7E,35-5N-7E	198	3959	8.0	186	92	1516	
			AUX VASES								
			SRAR MTN								
359	WALTER DUNCAN	GOULD UNIT	CYPRESS	15-5N-7E	250	1586	74.9	1045	376	1023	
1102	WALTER DUNCAN	PRINK	CYPRESS	34-6N-7E	234	1842	20.3	494	303	983	
1116	WALTER DUNCAN	KLUTHE	CYRESS	33-6N-7E	150*	180	23.7*	160	200*	600	
374	J. C. FRANKLIN	NW CLAY	CYRESS	35-4N-7E	50*	50	20.0	20	80*	80	
			AUX VASES								
* 310	GULF OIL CO	R. KECK	CYPRESS	26-4N-7E		65		11		37	
* 339	GULF OIL CO	SAILOR SPRINGS UNIT	CYPRESS	26-4N-7E		315		49		70	
1118	GULF OIL CO	F H KLUTHE	CYPRESS	33-6N-7E			70.7*	330			
329	C.O. HAGAN	SAILOR SPRINGS	TAR SPRINGS	26-4N-7E	120*	2439	4.8*	145	108*	1871	
			CYPRESS								
*1107	JET OIL CO.	BLUNT COMM U	MCCLOSKEY	17,20-6N-7E		970		102		655	
1100	KEN-TEX	BIBLE GROVE	SPAR MTN	28,29-6N-7E	80	4260	3.0	427	35	1580	
			MCCLOSKEY								
*1103	KINGWOOD OIL CO.	NAOGLER AND JOERGENSE	CYPRESS	28-6N-7E		1834		101		888	
			SRAR MTN								
319	L V O CORROKATION	SAILOR SPRINGS U	CYRESS	13-5N-7E	520*	2035	15.3*	99	35*	163	
352	MAC OIL COMRANY	BIBLE WF UNIT	CYPRESS	9-4N-7E	104	1365	15.2	222	67	456	
1109	MARION CORP	BIBLE GROVE U.S.O.U.	CYRESS	22,27,28,34-6N-7E	740	5083	47.4	1114	556	2823	
* 312	W. C. MCBRIDE	GOLOSBY-DICKEY	CYRESS	34-4N-7E		622		31		142	
* 313	W. C. MCBRIDE	DUFF-KECK	CYPRESS	26,35-4N-7E		1845		140		681	
* 314	W. C. MCBRIDE	BOTHWELL	CYPRESS	14-3N-7E		98		5			
344	W. C. MCBRIDE	DEHART	CYRESS	9-3N-7E	103	764	2.9	75	56	498	
348	W. C. MCBRIDE	STASER U	CYRESS	12,13,14-3N-7E	254	1856	8.1	172	88	472	
364	W. C. MCBRIDE	GOLOSBY-WILSON	CYPRESS	34-4N-7E	419	1172	30.5	70	267	592	
			AUX VASES								
370	W. C. MCBRIDE	ARMSTRONG U	CYRESS	3,10-3N-7E	27	27	2.5	3	10	10	
* 311	MCCOLM, KINCAID	SAILOR SPRINGS	CYPRESS	14,15,23-4N-7E		6979		1023		3203	
* 336	MCCOLM, KINCAID	NORTH HOOSIER UNIT	CYPRESS	10-4N-7E		2174		465		1221	
355	MCCOLM, KINCAID	BIBLE GROVE WF UNIT	CYPRESS	15,22-5N-7E	488	3094	53.4	926	385	1404	
366	MCKINNEY,FUNDERB	SPARLIN	CYPRESS	3-5N-7E	24	83	6.7	29	24	65	
* 340	MOBIL OIL CORP.	NORTH HOOSIER U	CYPRESS	15-4N-7E		1608		274		864	
321	BERNARD PODOLSKY	BUCK CREEK U	MCCLOSKEY	8,9,16,17-3N-7E	200*	208	20.3*	27	450*	506	
* 333	BERNARD PODOLSKY	C. BOWERS	MCCLOSKEY	16-3N-7E		231		44		182	
356	ROBERT PRICE	BIBLE GROVE UNIT	CYPRESS	10-5N-7E	665	6075	25.9	1183	465	3630	
* 343	RAY-OBER OIL CO.	HASTINGS	CYPRESS	23-4N-7E		118*		7*			
368	C O REED	MCCOLLUM	CYPRESS	16,21-4N-7E	90	270	18.2	41	90	270	
369	FARLE B REYNOLDS	STORCK	CYPRESS	5-5N-7E	125*	245	13.9*	32	125*	245	
361	HUBERT ROSE	BATEMAN UNIT	CYRESS	25,26,35-5N-7E	240	1426	8.9	65	36	95	
350	SHAKESPEARE OIL	STANFORD UNIT	SRAR MTN	22-3N-7E	53	348	2.3	22	18	125	
* 315	SHULMAN BROTHERS	COLCLASURE AND HARDY	CYPRESS	10-3N-7E		1177		28		496	
* 316	SHULMAN BROTHERS	NEFF	MCCLOSKEY	16-3N-7E		99		3			
* 325	SHULMAN BROTHERS	LEWIS-CYRESS	CYPRESS	13-5N-7E		84		5		84	
1106	SOHIO PETROLEUM	ROSICLAKE LIME UNIT	SRAR MTN	5-5N-7E, 32-6N-7E	560	5289	36.8	861	460	3056	
367	SO. TRIANGLE CO.	SAILOR SPRINGS	CYPRESS	11,12,13,14-4N-7E	377	410	4.2	5	37	101	
360	TEXACO, INC.	NORTH BIBLE GROVE U	CYRESS	3,4,5,9,9,10-5N-7E, 32-6N-7E	4009	18703	242.6	2997	2213	87864	
365	TEXACO, INC.	W G LANDWEHR	CYPRESS	9-5N-7E	259	685	14.4	47	46	83	
1115	R. O. WILSON II	KLUTHE STORTZUM	CYPRESS	15,22-6N-7E	50*	120	41.7*	95	50*	120	
SALEM C, JEFFERSON, MARION											
2006	HUMBLE O AND R	DIX R. AND RM.	BENOIST	3,4,9,10,15,16-1S-2E	1362	22944	230.0	13909	845	16165	
2010	HUMBLE O AND R	SALEM CONS	AUX VASES	3,4,10-1S-2E	1965	22405	61.2	976	126*	15742	
2618	ILL. LSE. OP.	RHEARS-WALNUT HILL U.	SPAR MTN	28,33-1N-2E	213	2205	21.6	193	52	414	
2612	WILLIAM REFFER	SEBASTIAN	BENOIST	21-1N-2F	50	217*	2.2	24*	24	217*	
2624	WILLIAM REFFER	LUTTRELL	SPAR MTN	15-1N-2E	36	75	3.6	9			
2633	WILLIAM REFFER	GURGE	SPAR MTN	21-1N-2E	24	24	0.5				
*2604	TEXACO, INC.	ROSICLAKE SAND UNIT	SPAR MTN	15-1N-2E		1913		96		207	
2605	TEXACO, INC.	SALEM UNIT	BENOIST	T1,2N-R2E	13135	494727	397.7	40544	18512	297700	
2606	TEXACO, INC.	SALEM UNIT	DEVONIAN	T1,2N-R2E	11100	142540	1077.0	5598	21313	113286	
2607	TEXACO, INC.	SALEM UNIT	MCCLOSKEY	T1,2N-R2E	17530	359755	512.8	21215	16602	239700	
2608	TEXACO, INC.	SALEM UNIT	AUX VASES	T1,2N-R2E	30273	337139	832.8	30139	19415	193437	
2636	TEXACO, INC.	SALEM U	SALEM	1-2N-2E	3097	3097	136.5	137	1086	1086	
2637	TEXACO, INC.	SALEM U	TRENTON	1-2N-2E	358	591	4.2	4	15	15	
SAMSVILLE N, EDWARDS											
*1010	ASHLAND O AND R	WEST SALEM	BETHEL	30-1N-14W		319		7			
SCHNELL, RICHLAND											
3439	UNION OIL CALIF.	SCHNELL CONSOL	MCCLOSKEY	7-2N-9E	160	473	5.3	31	84	262	

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71					Injection water		Remarks
	Depth (ft)	Netpay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (*API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source	Type	
								Inj.	Prod.		SD = Sand GRAV = Gravel PROD = Produced SH = Shallow	(F) = Fresh (8) = Brine (M) = Mixed	
ST JAMES, FAYETTE													
1238	1560	16.0	20.0	150		07-63		3	6	50	PRODUCED (8)		*ESTIMATED
1245	3130	42.0			37.4	12-65		1	5	80	PRODUCED (8)		*INCL PRIM PRDD SINCE 1-66
1250	3100	20.0				01-66		1	6	80	PRODUCED (8)		*EST +INCL PRIM PRDD
1240	1600	22.0	18.0	230		08-63		12	26	588	PRODUCED (8)		
*1222	1595	20.0			34.0	03-54	12-62	3	9	100	PRODUCED (8)		*1959-1962 ESTIMATED
1251	3090	45.0	11.0			04-68		1	5	90	PRODUCED (8)		
1239	1600	13.4	19.6	76	37.0	05-63		4	12	200	PRODUCED (8)		
STE MARIE, JASPER													
*1912	2910	10.0			36.2	11-61	12-65	2	6	160	CYPRESS (8)		
*1905	2860	7.0				10-48	12-60	1	14	400	CYPRESS (8)		
1923	2850	8.0	15.0	300	39.0	04-68		2	7	140	GRAVEL BED (F)		
1920	2822	5.0			37.0	01-66		1	2	60	RIVER GRAVEL (F)		*ESTIMATED
SAILDR SPRINGS C., CLAY, EFFNGHAM, JASPER													
* 318	2950	6.0	16.0	800	36.7	11-56	12-66	1	5	160	PRODUCED (8)		
371	2950	7.0			35.0	02-71		1	4	150	PURCHASED (M)		
1114	2560	6.0				06-67		4*	7*	130	*PRODUCED (8)		*ESTIMATED
1117	2500	25.0				06-68			3	60			*ADJ TO EXISTING WF, ND INJ +EST
* 309	2770	9.2	17.0	50	35.0	09-53	12-61	2	2	40	PENN SD, PRDD (8)		*INCLUDES 334
* 334	2845	10.0				01-61	01-62	1	1	20	PENN SD, PRDD (8)		*INCLUDED WITH 309
329	2560	8.0			36.0	11-56		3	4	100	PENN SD, PRDD (8)		
	2800	15.0						3	2	80			
	2880	6.0						4	3	140			
359	2500	15.0	16.0	130		01-66		5	9	130	PENN SD (8)		
1102	2530	18.0				12-57		2	5	90	PENN SD, PRDD (8)		
1116	2520	15.0				05-69		1	6	80	PRODUCED (8)		*ESTIMATED
374	2600	12.0				12-70		2	4	80	PRODUCED (8)		*ESTIMATED
	2840	12.0						2	4	80			
* 310	2602	10.0				09-57	03-60	1	1	20	PRODUCED (8)		
* 339	2600	20.0	16.0	10	37.6	06-63	07-66	3	3	60	PRODUCED (8)		
1118	2510	10.0				01-66							*AFFECTED BY ADJ WF +EST
328	2300	7.0	20.0		32.7	04-58		1	6	150	PRODUCED (8)		*ESTIMATED
	2600	7.0	19.0					1	6	100			
*1107	2860	5.0				11-62	06-69	3	5	60	LAKE, PRDD (M)		
1100	2850	4.0			37.0	07-54		1	1	40	CYP,TAR SPR,PRDD (8)		
	2870	5.0						3	3	180			
*1103	2856	9.0				06-55	07-65	1	1	20	CYPRESS, PRDD (8)		
	2863	6.0						3	3	100			
319	2600	12.0			36.5	07-67		4	9	320	CYPRESS SD (8)		*ESTIMATED
352	2600	20.0	18.0	24	37.7	09-63		3	9	160	PENN SD, PRDD (8)		
1109	2520	7.0			38.0	01-65		11	12	385	SH SD, PRDD (M)		
* 312	2580	15.0	15.4	17	38.0	09-55	10-64	1	2	50	PRODUCED (8)		
* 313	2600	12.0	19.0	60	38.0	07-53	09-66	2	5	120	PRODUCED (8)		
* 314	2650	10.0	19.0	20	36.0	08-56	12-59	1	1	20	PRODUCED (8)		
344	2610	15.0	17.5	50		11-64		3	1	40	PENN SD, PRDD (8)		
348	2620	20.0	16.0	20		06-65		6	4	100	PENN SD, PRDD (8)		
364	2585	12.0				01-69		9	7	160	PENN SD, PRDD (8)		
	2830	6.0						1	1	40			
370	2600	10.0				07-71		2	3	40	PENN SD, PRDD (8)		
* 311	2600	15.1	17.3	48	37.0	07-54	01-69	15	9	250	CYP SD, PRDD (8)		*INCL PRIM PRDD SINCE 7-54
* 336	2580	15.0	17.0	50	36.0	12-62	06-70	10	12	220	PENN, PRDD (8)		
355	2500	18.0	18.0	80		12-65		7	13	200	PENN SD, PRDD (8)		
366	2510	8.0				07-69		1	1	60	PRODUCED (8)		
* 340	2600	12.0	18.7	40	37.0	08-62	12-68	10	5	140	PENN SD (8)		
321	2980	7.8			37.7	12-70		2	13	340	CYPRESS (8)		*ESTIMATED
* 333	3000	6.0	10.0	500	36.0	09-61	04-66	1	3	40	PRODUCED (8)		
356	2485	20.0	16.0	50	38.0	12-65		12	13	260	PENN SD, PRDD (8)		
* 343	2600	16.0	17.0	56	37.4	10-63	12-66	1	1	40	PENN SD, PRDD (8)		*1964-1966 ESTIMATED
368	2620	15.0				06-69		1	6	70	PRODUCED (8)		
369	2500	15.0				06-69		2	4	60	PRODUCED (8)		*ESTIMATED
361	2570	11.0	17.0	31		01-66		2	3	240	PRODUCED (8)		
350	2990	10.0				12-65		1	3	30	SH SD, PRDD (M)		
* 315	2620	15.0	16.4	16	36.0	07-57	06-65	1	1	80	PRODUCED (8)		
* 316	3000	5.0			36.0	01-57	12-59	2	1	80	TAR SPRINGS (8)		
* 325	2510	8.0			36.0	01-66	09-67	1	1	30	PRODUCED (8)		
1106	2800	10.0			38.5	06-61		6	9	720	GRAV, PRDD (M)		
367	2620	12.0	17.2	75	36.0	09-70		7	6	120	PENN SD (8)		
360	2475	30.0	16.3	67	37.0	07-66		29	32	1320	PENN SD (8)		
365	2450	10.0	16.0	113	37.0	01-69		2	3	80	PRODUCED (8)		
1115	2580	12.0				04-69		2	6	90			*ESTIMATED
SALEM C., JEFFERSON, MARION													
2006	1950	19.0	16.7	130	38.0	01-48		4	34	2078	PENN SD, PRDD (8)		
2010	2000	16.0	14.0	20	38.0	08-60		31	25	1090	PENN SD, PRDD (8)		
2618	2102	7.0	12.0		39.2	06-63		4	11	260	PENN SD, PRDD (8)		
2612	1927	8.0			34.6	01-59		1	2	10	PRODUCED (8)		
2624	2100	15.0				01-67		1	2	30	PRODUCED (8)		
2633	2110	8.0				01-71		1			PRODUCED (8)		
*2604	2093	14.0	11.5	43	36.5	04-50	08-62	3	5	100	PRODUCED (8)		
2605	1770	28.0	17.9	150	37.0	10-50		79	64	8247	LAKE, PRDD (M)		
2606	3400	19.0	16.8	300	36.5	10-50		55	64	5414	UPPER SD, PRDD (8)		
2607	1950	20.0	15.8	700	37.0	04-51		74	77	7712	LAKE, PRDD (M)		
2608	1825	26.0	16.3	28	37.0	10-50		140	85	4881	LAKE, PRDD (M)		
2636	2175	25.0	10.5	35	37.5	01-71		13	29	840	PRDD, FRESH (M)		
2637	4520	99.0	7.2	27	40.7	09-67		3	2	160	PRDD, FRESH (M)		
SAMSVILLE N., EDWARDS													
*1010	2930	5.0				09-54	02-59	1	1	20	PRODUCED (8)		
SCHNELL, RICHLAND													
3439	2988	15.0			39.5	08-68		1	2	103	PRODUCED (8)		



Field, County	General Information				Production and Injection statistics (M bbls)						
	Project no. * = ABD, + = P. M.	Operator	Project U = Unit	Pay name	Location S - T - R	Water Injection		Oil production		Water production	
						Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71
SEMINARY, RICHLAND											
*3410	R. JOHNSON	SEMINARY	MCCLOSKEY	17-2N-10E		889		25		290	
SESSER C, FRANKLIN											
1325	FARRAR OIL CO.	SESSER UNIT	AUX VASES	35-5S-1E	209	1537	38.2	785	67	597	
1330	FARRAR OIL CO.	CHRISTOPHER U	RENAULT	24,25-6S-1E:	111	216	17.4	32	19	27	
			AUX VASES	19,30-6S-2E							
*1306	WILL I. LEWIS	SESSER U	RENAULT	17,19,20-5S-2E		1574		173		75	
1318	NAPCO	OLD BEN COAL FLOOD	AUX VASES	13,14,23,24-6S-1E	513	4782	38.8	589	324	2463	
			CLEAR CREEK								
SHATTUC, CLINTON											
410	T. M. CONREY, JR	SHATTUC WF	CYPRESS	27,28-2N-1W	40*	550*	10.2*	99*	45		
			BENOIST								
SHAWNEETOWN N, GALLATIN											
*1416	SUN OIL CO.	L. MILLER	AUX VASES	7-9S-10E		357		48		163	
SIGGINS, CLARK, CUMBERLAND											
216	ACME CASING	UNION GROUP	SIGGINS	18-10N-11E	100*	23839	5.5*	2721	100*	21092	
702	A M A OIL CO	SIGGINS	SIGGINS	13,14-10N-10E, 7,11,12-10N-11E	2550	91395	145.7	12505	3070	6355*	
700	BELL BROTHERS	FLOOD 1	SIGGINS	13-10N-10E	37	751	4.8	254	48	788	
707	SAM E. BOXELL	REEDER	PENN	24-10N-10E		1				1	
* 701	COCHONOUR, CLARK	VEVAY PARK	SIGGINS	25-10N-10E		255		2		103	
215	OMER H. DOOLE	SIGGINS	SIGGINS	7-10N-14W		2887		285		1273	
				7-10N-11E							
SORENTO C, BONO											
7	JACK COLE	YOUNG & VONBERG U.	PENN	32-6N-4W	47	68	1.3	3			
* 5	JOE A. OULL	SORENTO SOUTH	LINGLE	29-6N-4W		88		4		57*	
STAUNTON W, MACOUPIN											
2400	J. WAITUKAITIS	OEHNE	PENN	16-7N-7W		16*		1*		2*	
STEWARSON, SHELBY											
3800	W. L. BELOEN	CHAFFEE-HARPER-WABASH	AUX VASES	27-10N-5E	157	1191	19.8	285*	157	1191	
3801	DONALD W. GESELL	MORT MORAN	AUX VASES	27-10N-5E	124*	1385	9.0*	125	124*	875	
			SPAR MTN								
STORMS C, WHITE											
4204	C. E. BREHM	R-8 U	WALTERSBURG	12,13-6S-9E	380	1903	53.0	349		48*	
4241	JACK BROOKOVER	W. S. HANNA	PENN	28-5S-10E	33	296	2.5	19	33	231	
4240	DARCO OIL CO.	POMEROY	AUX VASES	28-5S-10E	63*	348	4.5*	21	50*	73	
4263	JIM HALEY	STORMS POOL UNIT	WALTERSBURG	2,11-15,22-24-6S-9E	3800*	119034	78.6*	2883	2200*	70056	
*4271	MABEE PET. CORP.	STORMS	WALTERSBURG	22-6S-9E		90					
4234	MARION CORP	S STORMS EXTENSION	WALTERSBURG	12,13-6S-9E	807	5954	59.8	425	749	2978	
4399	MARION CORP	N STORMS EXT COOP	WALTERSBURG	1,12-6S-9E;6-6S-10E	1476	9948	94.3	691	1664	8086	
			TAR SPRINGS								
			AUX VASES								
4248	PACIFIC OPERATIONS	ALDRIDGE	WALTERSBURG	12-6S-9E	600*	4343	19.5*	263			
			AUX VASES								
4380	DENNIS PAINE	TRAINOR	TAR SPRINGS	23-6S-9E	200*	400	14.8*	26	200*	400	
*4296	BERNARD PODOLSKY	MCQUEEN	OEGONIA	32-5S-10E		1873		210		721	
			CLORE								
4415	SO. TRIANGLE CO.	STORMS UNIT (WILSON)	WALTERSBURG	22-6S-9E	631	1854	57.1	303	155	409	
*4295	TAMARACK PET.	HANNA	CLORE	32-5S-10E	1	1754	2.7*	322*	33*	815*	
*4327	TAMARACK PET.	CALVERT	CLORE	32-5S-10E		402		2		19	
4366	TAMARACK PET.	HANNA "A"	BIEHL	29-5S-10E	150	290	10.3	48	87	228	
*4372	TAMARACK PET.	HANNA	BIEHL	32-5S-10E	50	424					
4295	TARTAN OIL CO.	FERGUSON-RUODOLPH	PENN	22-5S-10E	100*	315	1.9*	10	35*	83	
STRINGTOWN, RICHLAND											
*3411	N. C. DAVIES	STRINGTOWN	MCCLOSKEY	31-5N-14W		257		19		289	
*3412	HELMERICH, PAYNE	STRINGTOWN WF	MCCLOSKEY	31-5N-14W		171		5		57	
*3413	SKELLY OIL CO.	PETER VON ALMEN	MCCLOSKEY	31-5N-14W		324		59		242	
SUMPTER E, WHITE											
4231	T. W. GEORGE	SUMPTER E	AUX VASES	31,32-4S-10E,5-5S-10E	316	3191	30.9	218	143	644	
			SPAR MTN								
4381	ILL. MIO-CONT.	CROSSVILLE S U	OHARA	20,29-4S-10E	100*	800	9.4*	34	50*	400	
4408	NAPCO	CARMI	AUX VASES	12-5S-9E	59	770	3.3	288	21	317	
			SPAR MTN								
SUMPTER N, WHITE											
4221	SHAKESPEARE OIL	SUMPTER NORTH U	AUX VASES	20,29-4S-9E	189	1088	22.8	94	56	256	
SUMPTER S, WHITE											
*4345	SO. TRIANGLE CO.	SUMPTER SOUTH UNIT	AUX VASES	2,3-5S-9E		859		81		371	
*4346	SO. TRIANGLE CO.	SUMPTER NORTH UNIT	AUX VASES	34,35-4S-9E		642		44		214	
TAMAROA S, PERRY											
3101	CANTER DRILLING	BAGWELL	CYPRESS	28-4S-1W	15*	528	0.8*	33	15*	528	
3100	ILL. LSE. OP.	TAMAROA	CYPRESS	14,23-4S-1W	166	2148	4.9	90	166	1484	
THACKERAY, HAMILTON											
1551	MARATHON OIL CO.	THACKERAY 3-A	AUX VASES	10,11,15-5S-7E	805	10330	31.0	892	774	5962	
1570	ROYALCO, INC.		AUX VASES		270	531	48.7	65	68	200	
THOMPSONVILLE E, FRANKLIN											
*1302	C. E. BREHM	E THOMPSONVILLE	AUX VASES	12-7S-2E		362		136		1417	
THOMPSONVILLE N, FRANKLIN											
*1305	BARBARA BRAGASSA	THOMPSONVILLE U	AUX VASES	10,15-7S-4E		1032*		125*		80*	
1331	OUNCAN LSE+ROY	N THOMPSONVILLE U	AUX VASES	10-7S-4E	127	380	7.6	27			
*1304	FAIRFIELD SALV.	THOMPSONVILLE U	AUX VASES	3,9,10-7S-4E		1786		381		360	
*1303	HUMBLE O AND R	N THOMPSONVILLE U	AUX VASES	3,9,10-7S-4E		2211		365		600	



TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71					Injection water		Remarks
	Depth (ft)	Netpay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (*API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source SD = Sand GRAV = Gravel PROD = Produced SH = Shallow	Type (F) = Fresh (B) = Brine (M) = Mixed	
SEMINARY, RICHLAND													
*3410	3000	8.0			36.0	02-54	04-57	2	4	140	CYPRESS (B)		
SESSER C, FRANKLIN													
1325	2600	15.0	18.0	10	38.0	05-65		6	14	360	CYPRESS, PROD (B)		
1330	2570	10.0				10-69		1	5	60	CITY WATER (F)		
	2600	6.0						3	5	80			
*1306	2690	5.0			39.4	08-58	01-70	6	6	220	LAKE, PROD (M)		
1318	2600	18.0			40.0	07-64		8	18	320	PENN SD, PROD (B)		
	4375	20.0			40.0			1	2	60			
SHATTUC, CLINTON													
410	1285	6.0			34.6	07-59		3	8	110	TAR SPR, PROD (B)		*INCL 415, 416, 417
	1436	9.0			35.0	01-64		2	2	40			
SHAWNEETOWN N, GALLATIN													
*1416	2750	15.0			37.0	11-59	09-66	2	1	30	PENN SO (B)		
SIGGINS, CLARK, CUMBERLAND													
216	404	31.0	18.0	51	36.0	12-46		92	84	459	GRAV, PROD (M)		*ESTIMATED
702	400	32.0	17.5	56	36.4	06-42		454	471	2019	GRAV, PROD (F,B*)		* 1970-1971 ONLY
700	320	18.9	18.9	73	35.9	09-50		9	15	80	SURFACE (M)		
707	520	30.0				09-68		1	4	90	WELL, PROD (M)		*NO DATA 1969-70
* 701	600	16.0	20.3	349	30.1	12-50	12-56	2	4	14	LAKE, PROD (M)		
215	450	36.0	21.5	40	33.8	04-52		30	27	135	PRODUCED (B)		*NO DATA 1966-70
SORENTO C, BONO													
7	592	14.0	17.6	175	33.0	11-69		1	2	70	PENN SAND (B)		
* 5	1850	4.5	12.2	50	38.0	10-62	10-64	1	3	50	PENN SO, PROD (B)		*1964 DATA ESTIMATED
STAUNTON W, MACOUPIN													
2400	490	10.0			32.0	05-60		2	7	40	PRODUCED (B)		*NO DATA SINCE 1962
STEWARSON, SHELBY													
3800	1750	20.0				09-59		1	17	160	PRODUCED (B)		*INC PRIM SINCE 09-59
3801	1950	9.0				06-62		3	4	70	PRODUCED (B)		*ESTIMATED
	2035	10.0						2	2	40			
STORMS C, WHITE													
4204	2250	20.0				03-66		5	5	100	PENN SO, PROD (B)		*THRU 1967 ONLY
4241	1319	9.0			28.0	04-63		1	1	20	TAR SPR, PROD (B)		
4240	2750	12.0	16.5	54	36.0	06-66		3	3	60	SH SO, PROD (M)		*ESTIMATED
4263	2240	10.0	19.0	250	34.0	03-56		73	41	1100	RIVER, PROD (M)		*ESTIMATED
*4271	2240	15.0				07-51	06-53	1	2	40	PENN SO, PROD (B)		
4234	2250	19.0				07-66		9	11	280	RIVER GRAV, PROD (M)		
4399	2290	20.0	20.0	200	38.0	06-64		14	15	300	PENN SO, PROD (M)		
	2390	10.0	18.5	100				2	2	40			
	2980	15.0	18.0	30				13	14	280			
4248	2275	15.0	18.4	173		06-64		3	3	75	PURCHASED (M)		*ESTIMATED
	2930	16.0	17.1	47				3	3	60			
4380	2250	12.0				03-69		1	7	90	PRODUCED (B)		*ESTIMATED
*4296	2550	6.0				06-60	01-66	5	5	100	SH SO, PROD (M)		
	2580	12.0						6	7	150			
4415	2250	22.0	19.5	225	34.8	07-67		5	12	200	PENN SO, PROD (M)		
*4295	2100	10.0	18.0	150	34.8	08-60	01-71	3	3	120	PENN SO, PROD (B)		*INCL 4372
*4327	2100	10.0	18.0	150		08-60	12-64	1	1	20	SH SD, PROD (M)		
4365	1830	7.0	18.6	170		02-68		3	3	70	PRODUCED (B)		
*4372	1826	14.0	20.1	289	34.8	12-62	09-71	3	3	40	SH SO, PROD (M)		*INCL WITH 4295
4285	1480	27.0	20.0	200	34.0	12-68		3	1	40	SH SO (F)		*ESTIMATED
STRINGTOWN, RICHLAND													
*3411	3000	10.0	18.0			12-53	09-58	2	3	80	TAR SPRINGS (B)		
*3412	3026	7.0			38.0	10-54	12-57	2	2	70	CYPRESS, PROD (B)		
*3413	3002	12.0			36.0	12-53	12-63	1	2	80	PENN SO, PROD (B)		
SUMPTER E, WHITE													
4231	3020	20.0	19.7	57	37.0	10-65		13	12	395	RIVER GRAV, PROD (M)		
	3100	10.0	10.5	15	37.0			4	7	140			
4381	3140	18.0				02-66		3	7	200	PENN SO, PROD (B)		*ESTIMATED
4408	3090	15.0				07-65		3	3	50	RIVER GRAV, PROD (M)		
	3165	8.0					12-66	1	1	20			
SUMPTER N, WHITE													
4221	3170	10.3				06-66		5	7	180	SH SO, PROD (M)		
SUMPTER S, WHITE													
*4345	3240	10.7	19.0	55	36.2	09-63	07-70	5	4	100	SH SO, PROD (M)		
*4346	3240	11.7	19.0	55	36.2	10-63	07-70	4	3	70	PENN SO (F)		
TAMAROA S, PERRY													
3101	1125	12.0			27.6	01-62		1	4	60	PRODUCED (B)		*ESTIMATED
3100	1140	10.0	24.3	349	31.5	12-61		4	5	180	PONO, PROD (M)		
THACKERAY, HAMILTON													
1551	3368	15.0	24.0	270		04-64		11	9	420	CYP, PROD (B)		
1570	3350	16.0	20.3	174	39.2	12-69		3	6		CYPRESS (B)		
THOMPSONVILLE E, FRANKLIN													
*1302	3200	19.0	21.1	98	38.0	07-54	01-71	2	3	60	PRODUCED (B)		
THOMPSONVILLE N, FRANKLIN													
*1305	3120	16.0	19.5	50	38.6	03-54	01-64	7	3	176	LAKE, PROD (M)		*NO DATA SINCE 1962
1331	3100	15.0				11-68		3	7	120	PENN SO, PROD (B)		
*1304	3020	15.0	21.0	115	37.0	01-56	12-64	7	7	236	LAKE, PROD (M)		
*1303	3075	25.0	22.0	170	37.5	10-55	04-62	5	5	100	CYP, PROD (B)		

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County	General information				Production and injection statistics (M bbls)					
Project no. * = ABD. + = P. M.	Operator	Project U = Unit	Pay name	Location S - T - R	Water injection		Oil production		Water production	
					Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71	Total 1971	Cum. 12-31-71
TONTI, MARION 2634 GAMMA OIL CO. 2620 TEXACO, INC. 2621 TEXACO, INC. *2622 TEXACO, INC. 2609 SAMUEL C. WILSON		TONTI FLOOD PROJ TONTI UNIT TONTI UNIT H. McMACKIN BRANCH	MCCLOSKEY MCCLOSKEY SPAR MTN SPAR MTN BENOIST MCCLOSKEY	33-3N-2E 4-2N-2E 4-2N-2E 34-3N-2E 4-2N-2E	140* 415 291 252*	700 5446 2026 109 2139	18.0* 39.6* 244* 7.5*	106 244* 1 168**	360* 1120* 252	1792 10466* 109 1970
TRUMBULL C, WHITE 4297 AUTUMN OIL CO 4301 AUTUMN OIL CO 4367 COY OIL CO 4336 FEAR AND OUNCAN 4362 RK PET. CORP.		R. SIMMONS SEVEN MILE FLATS TRUMBULL U MOORE-NIBLING UNIT TRUMBULL	CYPRESS DHARA DHARA VASES DHARA MCCLOSKEY CYPRESS	25,26-5S-8E 23,24-5S-8E 13,14,23-5S-8E 7-5S-9E 24-5S-8E, 18-5S-9E	35* 150* 495 265	181 331 495 3063	2.8* 11.7* 12.3 0.8*	25 31 12 24	35* 80* 13 8*	170 150 13 276 146
TRUMBULL N, WHITE *4406 SHULMAN BROTHERS		STOCKE	AUX VASES MCCLOSKEY	24-4S-8E		36		1		5
VALIER, FRANKLIN 1324 WAYNE HAMMONS		RHEN-REA	AUX VASES	9-6S-2E	5*	113	2.2*	44+	5*	113
WALPOLE, HAMILTON 1532 HERMAN GRAHAM *1518 TEXACO, INC. *1546 TEXACO, INC. *1517 UNIVERSAL OPTNG		WALPOLE WEST U WALPOLE UNIT WALPOLE EAST UNIT WALPOLE UNIT	AUX VASES AUX VASES AUX VASES AUX VASES	23,33-6S-6E 22,26,27,34,35-6S-6E 26,35-6S-6E 3-7S-6E	110* 21248 1225 1486	1761 21248 1225 1486	10.3* 2342 170 79	267 2342 170 79	44* 11723 588 977*	859 11723 588 977*
WAMAC, CLINTON, MARION, WASHINGTON *2610 MINERAL REC. INC *2611 DEWEY STINSON		WASHINGTON WAMAC WATERFLOOD WAMAC UNIT	PETRO PETRO	13,30-1N-1E 19,30-1N-1E		4 531		7 35		11 221
WAMAC W, CLINTON 414 JET OIL CO. 418 JET OIL CO.		WAMAC W. BENOIST U WAMAC W CYPRESS U	BENOIST CYPRESS	22-1N-1W 20,21-1N-1W	401 57	3958 252	15.5 34.0	483* 136	244 16	2822 73
WEST FRANKFORT C, FRANKLIN 1307 CONVERS OIL WELL *1301 FARRAR OIL CO. *1308 FARRAR OIL CO. 1313 KILLION, MCCLEM. 1322 KILLION, MCCLEM. 1333 KILLION, MCCLEM. *1315 TEXAS AMERICAN		HORN-OMONO 'B' W FRANKFORT U ORIENT U TEW-SINKS BONER-MERRIMAN U SW FRANKFORT U PONO CREEK	DHARA MCCLOSKEY TAR SPRINGS TAR SPRINGS AUX VASES AUX VASES TAR SPRINGS TAR SPRINGS	24,25-7S-2E 18,19-7S-3E 12-7S-2E 19,20-7S-3E 31-7S-3E 24,25-7S-2E; 19,30-7S-3E 25-7S-2E	12* 4792 476 54 23 140	538 4792 476 941 287 140	1.4* 551 29 4.7 3.7 10.8	97 551 29 341 60 11	12* 3021 444 45 17 29	392 3021 444 414 49 29 336
WEST SEMINARY, CLAY * 346 SHULMAN BROTHERS		WEST SEMINARY UNIT	AUX VASES MCCLOSKEY	5,6,8-2N-7E		4701		378		2636
WESTFIELD, CLARK, COLES * 231 W. M. ASHLEY * 200 FOREST OIL CO. * 222 FOREST OIL CO. * 502 GEN. OPERATIONS 224 SHAW LSE DEV		SHERWOOD STEAM FLOOD WESTFIELD POOL PARKER JOHNSON APEX	CASEY ST LOUIS CASEY GAS CASEY GAS PENN	32-11N-14W 17-11N-14W 30-11N-14W 7,18,19-11N-11E 19-11N-14W 4-11N-14W	1* 3956 663 205 24		1 15 34 13 1		6 75	
WHITTINGTON, FRANKLIN 1323 CONTINENTAL OIL 1329 T. W. GEORGE 1334 WILL I. LEWIS		U.S. STEEL WILCOX WHITTINGTON	DHARA MCCLOSKEY HARDINSBURG CYPRESS HARDINSBURG CYPRESS	33-5S-3E 20,29-5S-3E 20-5S-3E		82 135 500*		15 16 5		82 46 50
WHITTINGTON W, FRANKLIN *1312 KEWANEE OIL CO.		PLAINS	RENAULT	1,2,11,12,14-5S-2E		3375		363		1137
WILBERTON, FAYETTE 1246 W. L. BELOEN		ST PETER AREA	CARPER	11,12,13-5N-2E; 7,17,18,19-5N-3E	1363	6742	85.7*	526*		1167+
WILLIAMS C, JEFFERSON 2019 WARRIOR OIL CO.		WILLIAMS SOUTH UNIT	AUX VASES	10,11-3S-2E	61	1624	3.6	54*	61	841
WOBURN C, BONO * 4 E. E. JENNEMAN 3 TROOP ORILLING		SPINOLER LSE BLANKENSHIP AREA	BENOIST DEVONIAN	10-6N-2W 34-7N-2W		194 138		11 28		194 330
WOODLAWN, JEFFERSON 2005 W. C. MCRIOE 2024 MOBIL OIL CORP. *2023 TEXACO, INC.		HOPPA KAMINSKI ESTATE WALKER 7	CYPRESS BENOIST CYPRESS BENOIST	2-3S-1E 2-3S-1E 2-3S-1E	191 120	518 457 255	33.1 20.8	74 244 5	159 123	384 574 177
YORK, CLARK, CUMBERLAND * 706 C. KEYSER * 703 TRANS-SOUTHERN		CUMBERLAND UNIT YORK	SIGGINS CASEY	1-9N-10E 6-9N-11E		37 604		20		3 290
ZEIGLER, FRANKLIN 1320 V. R. GALLAGHER		PLUMFIELD U	AUX VASES	13,24,25-7S-1E; 18-7S-2E	302	2634	95.0	1674*	201	807*
ZENITH E, WAYNE 4090 NAPCO		DURKEE	SPAR MTN	4-1N-6E	66	390	18.5	59	196	511
ZENITH N, WAYNE *4150 T. W. GEORGE *4137 MOBIL		ZENITH N. MCGREW ZENITHH N. FIELD UNIT	SPAR MTN	21-2N-6E		112		9		130

TABLE 10 - WATERFLOOD OPERATIONS IN ILLINOIS, 1971 - Continued

Field, County Proj. no.	Reservoir statistics (avg. value)					Development as of 12-31-71				Injection water		Remarks	
	Depth (ft)	Net pay thick- ness (ft)	Poros- ity (%)	Perme- ability (md)	Oil grav- ity (°API)	Date first inj.	Date abd.	No. of wells		Acres under inj.	Source		Type
								Inj.	Prod.		SD = Sand GRAV = Gravel PROD = Produced SH = Shallow		(F) = Fresh (8) = Brine (M) = Mixed
TONTI, MARION													
2534	2152	10.0			36.0	02-67		1	4	50	PRODUCED (8)		*ESTIMATED
2620	2125	18.0	14.1	196	36.0	02-64		4	3	140	PRODUCED (8)		*INCL 2621
2621	2108	8.0	17.3	169	36.0	02-64		3	3	140	PRODUCED (8)		*INCL WITH 2620
*2622	2108	9.0	17.3	169	36.0	03-64	12-65	1	2	30	PRODUCED (8)		
2609	1950	6.0			36.2	04-59		2	3	60	PRODUCED (8)		*EST +INCL PRIM PROD SINCE 4-59
	2122	7.0						1	2	40			
TRUMBULL C, WHITE													
4297	2800	8.0				06-65		1	2	30	PRODUCED (8)		*ESTIMATED
4301	3180	8.0				01-66		2	7	20	PRODUCED (8)		*ESTIMATED
4367	3150	11.0	18.0		38.4	01-71		6	19		SAND (M)		
	3200	16.0											
4336	3283	5.0	12.8	136	37.0	11-61		1	1	40	TAR SPR, PROD (8)		*D.F., UNKNOWN +ESTIMATED
4362	2848	12.0	16.0	40	35.0	11-62		6	4	180	SH SD (F)		
TRUMBULL N, WHITE													
*4406	3320	10.0			36.0	09-65	09-66	1	1	80	CYPRESS (8)		
	3468	7.0											
VALIER, FRANKLIN													
1324	2670	9.0			39.2	11-64		1	1	70	PRODUCED (8)		*EST 1966-68 +INCL PRIM PROD
WALPOLE, HAMILTON													
1532	3200	15.0	22.1	190	39.0	07-62		4	4	160	PENN SD, PROD (8)		*ESTIMATED
*1519	3100	15.4	19.3	106	36.2	12-60	04-69	14	19	1640	PENN SD, PROD (8)		
*1546	3100	17.0	15.4	18	36.7	03-63	01-69	4	3	160	PENN SD, PROD (8)		
*1517	3180	18.0	20.3	134	37.4	01-60	09-66	4	3	80	PENN SD, PROD (8)		*EST FOR 1964-1966
WAMAC, CLINTON, MARION, WASHINGTON													
*2610	18.0	21.3	220	35.0	05-54	10-65		6	15	120	CITY WATER (F)		
*2611	750	20.0	20.3	183	30.0	07-57	12-60	6	13	50	CITY WATER (F)		
WAMAC W, CLINTON													
414	1450	18.0				11-62		5	9	140	LAKE, PROD (M)		*INCL PRIM PROD SINCE 11-62
418	1290	8.8				10-65		3	6	90	PENN SD, PROD (8)		
WEST FRANKFORT C, FRANKLIN													
1307	2760	10.0	15.0	205	38.0	07-59		1	2	60	PRODUCED (8)		*ESTIMATED
	2645	7.0						1	2	60			
*1301	2050	31.3	17.1	155	40.3	11-57	07-65	6	6	141	CYPRESS, PROD (8)		
*1308	2050	12.1			40.1	09-59	12-63	4	3	70	CYPRESS, PROD (8)		
1313	2730	12.0			38.0	09-62		2	1	120	LAKE, PROD (M)		
1322	2750	12.0			38.0	08-65		1	1	70	PENN SD, PROD (8)		
1333	2050	40.0			38.0	02-71		3	23	60	LAKE & PROD (M)		
*1315	2060	10.0	17.1		38.0	08-62	12-67	2	3	70	PRODUCED (8)		
WEST SEMINARY, CLAY													
*346	2970	9.0	19.0		37.2	03-64	12-68	15	8	290	PENN SD, PROD (8)		
	3080	9.0						4	5	180			
WESTFIELD, CLARK, COLES													
*231	250	20.0	20.0	250	25.0	02-64	04-64	2	1	10	CITY WATER (F)		*ONE TON OF STEAM, STEAM SOAK
*200	290	15.0	19.0	17	34.0	01-66	03-70	20	9	30	GRAVEL BED (F)		
*222	270	25.0	17.9	153	28.1	06-50	04-61	9	12	20	GRAVEL BED (F)		
*502	320	35.0	21.5	86	29.0	06-51	12-62	30	14	60	LAKE, PROD (M)		
224	340	60.0			34.8	03-67		6	5	40	CARPER, WELL (M)		*NO DATA 1968-71
WHITTINGTON, FRANKLIN													
1323	2834	12.0	11.5	1	39.0	12-65		1	3	60	PRODUCED (8)		*NO DATA 1971
	2912	6.0						1	3	60			
1329	2300	10.0				09-67	12-68	2	2	40	LAKE, PROD (M)		*ESTIMATED
	2530	10.0				07-64		3	3	50			
1334	2300	10.0				08-71		3	6	80	PRODUCED (8)		*ESTIMATED
	2500	8.0						3	6	80			
WHITTINGTON W, FRANKLIN													
*1312	2675	10.0	13.0	13	39.0	02-61	05-67	6	9	400	PENN SD, PROD (8)		
WILBERTON, FAYETTE													
1246	3250	25.0				10-65		8	37	1000	BENQIST, PROD (8)		*INCL PRIM PROD SINCE 10-65 +ESTIMATED
WILLIAMS C, JEFFERSON													
2019	2555	11.0	17.0	50	37.0	10-64		2	3	119	PENN SD, PROD (8)		*PARTIAL WF SINCE 1-53 DATA SINCE 10-64
WOBURN C, BONO													
*4	1006	14.0				09-51	08-56	1	4	30	PRODUCED (8)		
3	2260	20.0			35.5	11-67		1	2	40	PRODUCED (8)		
WOOOLA W, JEFFERSON													
2005	1700	10.0				09-63		2	5	20	PRODUCED (8)		
2024	1950	17.0				01-65		1	3	40	PRODUCED (8)		
*2023	1790	10.0	14.0	225	35.0	03-64	12-65	1	2	40	PRODUCED (8)		*DISC AS WF, SWD ONLY
	1950	27.0						1	2	40			
YORK, CLARK, CUMBERLAND													
*706	556	11.0	17.8	80	33.8	06-61	12-63	1	2	30	PENN SD (8)		
*703	590	10.0	21.9	231	30.3	10-50	12-58	3	7	15	PRODUCED (8)		
ZEIGLER, FRANKLIN													
1320	2650	15.0	21.5	75	38.9	02-65		6	16	380	PENN SD, PROD (8)		*SINCE POOL DISCOVERY 7-12-63
ZENITH E, WAYNE													
4090	3180	8.0				02-67		2	10	20	PRODUCED (8)		
ZENITH N, WAYNE													
*4150	3100	15.0	14.0		38.0	08-68	12-70	1	3	53	PENN SD (8)		
*4137	3100	12.9	15.3		38.0	02-69	02-68	2	3	140	CYP, PROD (8)		

TABLE 11 - ILLINOIS WATERFLOODS FOR 1971 BY COUNTIES

County	Number of projects active (abandoned)	Wells		Acres in waterflood projects*		Water injection (M bbls)		Oil production (M bbls)		Water production (M bbls)†	
		Water input	Producers	Subject to injection	Total productive	Total 1971**	Cumulative 12-31-71**	Total 1971**	Cumulative 12-31-71**	Total 1971**	Cumulative 12-31-71**
Bond	4 (3)	16	27	360	410	121	1,839	5.9	159	75	1,040
Christian	6 (0)	39	64	1,648	1,670	2,222	32,414	117.4	4,609	1,414	14,357
Clark	10 (16)	578	540	3,879	4,285	2,636	197,207	82.8	9,414	1,300	76,147
Clay	43 (32)	448	596	20,703	20,825	18,207	184,932	1,350.0	21,875	9,684	178,122
Clinton	17 (4) †	259	365	7,064	7,219	11,140	139,653	380.3	15,686	8,514	119,687
Coles	15 (9)	191	240	5,515	5,700	3,199	59,746	185.1	5,103	2,858	15,341
Crawford	63 (40)	1,863	1,856	23,200	23,865	33,844	833,655	1,505.6	50,595	22,319	413,663
Cumberland	5 (3)	474	508	2,328	2,440	2,831	94,454	173.9	13,001	3,219	7,940
Douglas	2 (1)	31	36	1,200	1,260	420	12,262	13.3	1,620	250	1,897
Edgar	3 (0)	4	24	210	220	209	603	60.9	221	179	505
Edwards	25 (11) †	107	186	6,338	6,426	4,267	87,605	208.0	2,635	694	6,085
Effingham	16 (3)	97	181	3,975	4,060	5,071	37,775	492.9	5,266	3,518	19,193
Fayette	44 (8) ††	1,677	1,959	39,533	40,220	60,596	1,114,404	3,977.0	169,043	44,614	676,373
Franklin	24 (12)	256	366	9,063	9,426	10,599	262,569	513.1	29,336	5,179	176,177
Gallatin	30 (20) ††	383	627	10,368	10,613	4,622	117,207	507.5	18,653	2,630	35,843
Hamilton	30 (41)	667	781	25,582	26,045	27,216	354,886	1,229.3	31,562	19,215	191,990
Jasper	13 (13)	135	265	9,607	9,790	6,754	55,709	521.2	5,208	3,571	24,545
Jefferson	17 (11) †	127	205	10,685	10,818	7,569	160,676	587.1	22,231	4,866	103,583
Lawrence	95 (23)	1,962	2,079	26,310	26,870	38,769	695,353	3,197.9	82,380	34,265	445,320
Macon	0 (1)	1	2	80	80	0	6	0.0	0	0	4
Macoupin	1 (0)	2	7	40	40	0	16	0.0	1	0	2
Madison	5 (3)	38	55	1,562	1,642	1,017	9,261	49.9	701	788	4,783
Marion	27 (12)	565	595	32,677	33,140	80,341	1,466,037	3,298.3	110,952	71,539	932,578
Montgomery	0 (1)	2	2	20	40	0	38	0.0	6	0	15
Perry	2 (0)	5	9	240	320	181	2,676	5.7	123	181	2,012
Richland	26 (18)	215	313	14,135	14,251	14,408	195,206	528.6	13,653	10,992	145,997
Saline	12 (9)	80	102	2,390	2,510	3,988	50,789	443.4	5,629	2,768	15,620
Shelby	3 (0)	10	28	410	430	351	2,862	33.8	728	351	2,352
Wabash	94 (51)	716	933	18,988	19,796	17,809	279,049	1,431.7	34,727	9,610	106,451
Washington	15 (2)	84	165	2,421	2,700	4,028	44,755	371.9	7,694	3,791	40,588
Wayne	88 (45)	951	1,486	54,006	54,615	38,861	514,307	2,783.6	49,593	21,653	240,654
White	(135) (82)	1,925	2,327	57,989	59,608	42,555	703,097	3,904.1	79,829	24,493	331,343
Williamson	2 (0)	7	19	290	290	367	1,387	51.2	311	5	5
TOTAL	872 (474)	13,915	16,948	392,816	401,624	444,198	7,712,435	28,016.4	792,544	314,535	4,330,212

\*Acreage data are incomplete in a few counties.

\*\*Projects not reporting in 1971 are included as of last reporting date.

†Not all projects reported produced water.

‡Includes 1 active pressure maintenance project.

††Includes 1 abandoned pressure maintenance project.



Field	Number of projects	Wells		Acres in waterflood projects*		Water injection (M bbls)		Oil production (M bbls)		Water production (M bbls)†	
		Water input	Producers	Subject to injection	Total productive	Total 1971**	Cumulative 12-31-71**	Total 1971**	Cumulative 12-31-71**	Total 1971**	Cumulative 12-31-71**
Aden C	3(2)†	48	43	3,380	4,860	2,622	42,194	107.2	4,046	2,301	26,944
Akin	4(1)	11	29	510	510	170	3,272	28.6	439	52	448
Albion C	16(7)	92	162	4,559	4,859	3,775	81,466	300.3	10,542	2,347	42,292
Albion East	1(0)	4	5	90	210	239	1,142	36.2	143	172	384
Allendale	24(14)	129	169	2,683	3,446	2,957	78,734	170.4	6,398	1,054	24,074
Assumption C	5(0)	38	51	1,618	1,998	2,186	31,405	111.4	4,500	1,378	13,716
Barnhill	2(5)	36	53	900	1,050	239	16,253	13.4	1,988	228	3,581
Bartelso	1(2)	22	27	320	320	6.0	6,159	6.0	1,123	180	4,138
Beaucoup	1(0)	4	8	280	367	467	529	4.6	6	299	334
Beaucoup S	2(0)	11	8	334	334	556	6,474	18.0	379	519	5,549
Beaver Creek	2(1)	3	9	100	130	46	253	4.7	41	46	134
Beaver Creek S	1(0)	3	11	140	140	110	1,422	11.2	217	45	1,531
Bellair	2(1)	106	130	717	747	375	92,641	15.8	2,537	375	39,667
Beman	1(1)	9	6	80	160	33	854	1.1	44	33	571
Benton	2(0)	110	80	3,390	3,390	6,964	215,078	134.4	20,839	3,722	158,823
Benton N	2(1)	28	45	910	1,100	801	5,969	77.0	1,160	399	2,669
Berryville C	1(2)	4	7	241	320	168	369	97.4	173	31	221
Bone Gap C	2(0)	2	12	220	270	197	2,530	10.4	545	153	2,193
Bourbon C	1(0)	18	30	800	800	0	6,000	0.0	500	0	0
Boyd	2(0)	7	18	2,133	2,133	830	74,227	15.0	4,251	275	44,879
Brown	1(0)	1	3	40	40	15	342	1.2	28	15	295
Browns	5(0)	19	21	1,163	1,212	261	4,348	34.5	531	79	832
Browns E	2(2)	29	35	673	1,010	147	4,452	19.0	1,595	43	1,516
Bungay C	6(3)	45	58	1,972	2,303	2,155	29,152	127.9	2,796	1,535	15,896
Calhoun E	1(0)	2	2	80	80	0	93	0.0	1	0	4
Calhoun S	1(0)	2	7	20	200	24	117	4.3	100	24	117
Carlyle N	1(0)	1	7	80	100	50	678	7.3	62	50	98
Carmi	1(0)	1	2	60	60	20	158	5.0	55	15	72
Centerville	1(0)	1	1	20	20	20	332	1.1	7	18	70
Centerville E	4(2)	100	104	2,260	2,180	1,420	31,221	71.2	3,243	1,390	21,146
Central City	1(0)	1	5	60	60	49	139	1.8	14	36	74
Centralia	6(1)	189	234	4,704	4,824	9,672	109,356	236.1	11,344	7,554	100,363
Chesterville E	1(0)	11	4	360	470	420	6,201	13.3	1,119	250	1,897
Clay City C	100(37)	1,011	1,392	60,043	65,510	52,107	523,974	3,178.6	47,711	29,464	289,497
Coil	2(0)	10	9	345	710	719	3,080	207.0	555	287	781
Coil W	1(2)	9	13	285	310	164	1,759	38.8	151	11	767
Concord C	5(8)	51	69	1,563	1,800	209	23,108	17.2	2,302	189	11,999
Concord EC	1(0)	3	3	70	120	0	261	0.0	20	0	67
Cooks Mills C	1(5)	23	42	890	1,140	180	9,392	9.7	533	90	4,872
Cordes	2(0)	39	59	790	790	1,123	26,443	83.3	6,163	1,897	28,986
Dale C	22(32)	567	687	20,665	22,370	24,114	289,284	1,045.1	24,948	16,934	156,885
Deering City	1(0)	1	4	50	50	32	319	8.6	98	32	240
Divide C	5(1)	21	41	2,680	2,730	2,497	19,320	185.9	1,368	1,786	12,787
Dubois C	3(1)	10	30	380	500	375	1,263	45.3	172	265	749
Dudley	3(0)	4	24	210	190	209	630	60.9	221	179	505
Edinburg W	1(0)	1	13	30	680	36	1,009	6.0	109	36	641
Eldorado C	5(3)	34	36	1,140	1,860	3,003	37,020	332.0	3,851	2,257	12,258
Elliotstown N	1(0)	2	10	100	100	80	479	4.7	96	80	213
Energy	1(0)	1	9	130	130	5	5	2.6	3	5	5
Exchange NC	1(0)	4	10	400	400	312	841	84.2	284	115	186
Exchange W	1(0)	2	7	120	120	120	453	14.2	99	42	183
Fairman	1(0)	1	4	50	50	0	1,476	0.0	251	0	1,476
Frogtown N	1(0)	1	2	80	80	0	0	2.2	9	0	0
Germentown E	1(0)	2	13	300	300	180	3,368	15.2	1,140	180	3,418
Goldengate C	5(11)	124	110	4,079	5,010	1,106	30,216	68.7	2,558	345	9,554

TABLE 12 - Continued

Field	Number of projects	Wells		Acres in waterflood projects*		Water injection (M bbls)		Oil production (M bbls)		Water production (M bbls)†	
		Water input	Producers	Subject to injection	Total productive	Total 1971**	Cumulative 12-31-71**	Total 1971**	Cumulative 12-31-71**	Total 1971**	Cumulative 12-31-71**
Goldengate NC	1(0)	4	6	100	130	150	150	10.6	11	40	40
Half Moon	2(0)	13	20	1,070	1,520	549	9,848	55.5	763	320	3,433
Harco	2(0)	7	17	230	260	360	1,302	26.1	126	139	234
Herald C	14(8)	92	145	3,181	4,131	1,911	28,969	161.3	3,908	786	9,615
Hickory Hill	1(0)	1	1	20	20	15	114	0.9	17	15	131
Hord	1(0)	1	2	20	40	15	114	4.0	24	15	56
Inman EC	5(5)	201	225	4,330	4,465	585	59,549	44.5	9,572	505	15,853
Inman WC	11(4)	96	128	2,279	2,695	1,465	16,283	188.9	2,006	787	3,985
Iola C	6(3)	95	142	2,940	3,040	4,090	35,587	208.1	2,390	2,596	22,433
Irvington	3(0)	9	35	310	430	255	2,965	51.1	360	256	2,406
Iuka	1(0)	1	3	270	270	0	0	4.8	67	23	364
Johnson N	2(4)	136	140	764	1,045	600	32,502	29.0	2,367	600	20,265
Johnson S	2(2)	92	104	1,343	1,343	1,600	112,816	26.8	3,184	100	32,861
Johnsonville C	6(2)	105	143	12,170	12,430	8,467	131,919	758.9	12,100	5,367	75,922
Johnsonville W	2(1)	10	17	579	639	236	4,339	22.7	549	97	1,627
Johnston City E	1(0)	6	10	160	160	362	1,382	48.6	308	0	0
Junction E	1(0)	2	3	60	80	60	213	2.7	13	24	46
Junction N	1(1)	6	9	150	210	102	2,484	10.6	316	2	3
Keensburg S	2(1)	10	14	280	450	531	4,117	45.6	421	251	1,732
King	2(2)	8	17	360	360	165	3,152	19.8	342	165	1,664
Lancaster	3(0)	27	45	840	1,015	572	5,866	65.7	1,384	359	1,181
Lancaster E	1(0)	1	2	30	160	62	62	4.7	5	1	1
Lancaster S	1(0)	2	2	40	40	11	480	5.6	106	11	123
Lawrence	59(14)	1,898	2,003	25,488	27,398	37,452	679,842	3,063.7	80,734	33,555	437,380
Lexington	1(0)	2	1	50	280	377	1,027	1.7	6	1	4
Lillyville	1(0)	3	4	40	80	213	1,380	19.7	216	98	398
Livingston S	1(0)	5	7	150	150	30	583	7.3	64	0	0
Locust Grove	1(0)	1	2	20	20	65	252	3.5	18	3	6
Louden	39(6)	1,647	1,859	37,565	37,870	57,079	1,087,854	3,726.0	166,765	43,120	664,857
Louisville N	1(0)	1	2	30	30	15	15	0.9	1	10	10
Main C	61(40)	1,607	1,736	22,918	28,429	33,469	741,014	1,489.8	48,058	21,944	374,076
Maple Grove C	2(2)	9	18	560	560	80	2,040	4.4	392	34	1,439
Marine	1(0)	2	5	240	964	138	3.0	139	6	139	141
Martinsville	1(3)	64	52	313	700	36	5,952	1.5	130	0	49
Mason N	1(0)	3	4	130	130	48	2,218	4.1	150	48	2,103
Mattoon	13(4)	136	177	4,475	4,560	2,863	49,129	168.4	4,417	2,612	19,453
Mattoon N	1(0)	4	9	130	130	156	1,081	7.0	141	156	941
Maunie NC	4(4)	56	71	1,470	2,500	895	13,435	46.1	2,521	682	5,828
Maunie South C	2(4)	72	66	1,242	1,416	232	22,090	36.0	2,960	12	15,048
Miletus	1(0)	1	1	20	20	0	86	0.0	4	0	81
Mill Shoals	9(4)	52	76	2,222	2,583	1,697	25,898	143.1	2,027	721	11,699
Mode	1(0)	6	7	180	180	70	286	5.0	318	70	286
Montrose N	1(0)	1	1	40	40	31	31	3.7	4	3	3
Mt. Carmel	20(13)	142	208	4,342	4,639	2,595	37,084	316.0	4,492	1,578	18,201
New Harmony C	78(36)	834	2,084	25,116	31,260	20,697	381,519	2,057.5	53,720	12,581	155,103
New Haven C	4(1)	21	31	798	1,050	456	5,534	47.1	1,516	164	985
New Memphis	1(0)	3	23	580	450	450	3,200	40.0	131	200	900
Oakdale N	1(0)	4	7	290	290	60	858	20.6	290	104	601
Oak Point	1(1)	22	18	300	340	300	3,264	20.0	172	500	581
Old Ripley	1(0)	10	11	110	110	28	1,098	1.4	82	28	325
Olney C	4(4)	25	30	2,148	2,328	490	17,034	24.7	1,517	451	10,376
Omaha	3(2)	17	69	1,228	1,540	1,768	11,835	125.1	4,003	979	7,052
Omaha S	2(1)	12	27	523	678	257	421	19.7	20	19	19
Orchardville	1(0)	1	3	40	160	32	225	10.6	69	0	0
Orient	1(0)	1	3	40	40	300	1,675	18.7	88	80	500

TABLE 12 - Continued

Field	Number of projects	Wells		Acres in waterflood projects*		Water injection (M bbls)		Oil production (M bbls)		Water production (M bbls)†	
		Water input	Producers	Subject to injection	Total productive	Total 1971**	Cumulative 12-31-71**	Total 1971**	Cumulative 12-31-71**	Total 1971**	Cumulative 12-31-71**
Oskaloosa	1(1)	15	10	596	596	52	1,954	4.9	1,340	51	3,831
Passport	3(0)	8	9	605	605	699	13,076	19.0	822	409	7,692
Patoka	2(2)	78	75	1,553	1,553	990	82,265	29.4	8,673	770	56,922
Patoka E	2(1)	19	22	340	540	959	5,728	60.7	526	777	4,188
Patoka S	2(0)	35	42	780	900	750	10,746	63.3	1,142	750	5,038
Phillipstown C	22(11)	149	239	4,614	5,621	3,645	32,992	480.4	5,687	1,594	14,718
Phillipstown S	1(0)	2	3	60	60	40	505	1.4	142	40	94
Raccoon Lake	1(2)	8	8	370	370	217	3,703	0.0	206	245	4,381
Raleigh	2(1)	22	16	400	600	298	6,348	22.6	1,226	112	1,115
Raleigh S	2(1)	5	8	230	410	267	3,581	39.2	307	200	1,537
Richview	4(0)	9	23	257	257	1,252	6,930	169.6	613	555	2,410
Roaches N	1(0)	1	4	460	460	154	2,451	0.0	30	71	2,036
Rochester	3(0)	17	24	400	480	1,698	19,588	37.3	1,447	1,172	6,326
Roland C	19(8)	333	452	11,298	12,577	11,958	124,853	1,237.1	14,446	6,504	51,562
Ruark	1(0)	1	2	56	100	63	554	8.3	122	12	86
Ruark WC	1(0)	20	15	279	370	756	4,617	52.4	570	468	2,497
St. Francisville	1(2)	5	7	140	150	75	858	2.3	27	75	268
St. Francisville E	1(0)	4	4	160	200	146	3,428	9.0	265	26	1,134
St. Jacob	3(0)	18	25	852	950	831	8,331	43.4	646	646	4,636
St. James	6(1)	25	69	1,188	1,498	2,222	13,676	173.5	1,772	1,512	10,483
Ste. Marie	2(2)	6	29	760	820	374	3,830	13.8	301	91	587
Sailor Springs C	31(18)	206	287	7,975	9,365	10,635	85,783	890.0	13,660	6,847	122,300
Salem C	12(1)	409	400	30,822	38,787	79,143	1,387,632	3,280.1	112,844	79,130	877,969
Schnell	1(0)	1	2	103	103	160	473	5.3	31	84	262
Sesser C	3(1)	25	50	1,100	1,380	833	8,109	94.4	1,579	410	3,162
Shattuc	1(0)	5	10	150	150	40	550	10.2	99	45	
Siggins	5(1)	588	605	2,797	2,928	2,687	119,128	156.0	15,767	3,218	29,612
Sorento C	1(1)	2	5	120	190	47	156	1.3	7	0	57
Staunton W	1(0)	2	7	40	40	0	16	0.0	0	0	2
Stewardson	2(0)	6	23	270	280	281	2,576	28.8	410	281	2,066
Storms C	11(5)	157	142	3,185	3,630	8,291	149,228	399.0	5,572	5,206	84,147
Sumpter E	3(0)	24	30	805	820	475	4,761	43.6	540	214	1,361
Sumpter N	1(0)	5	7	180	378	189	1,088	22.8	94	56	256
Tamaroa S	2(0)	5	9	240	320	181	2,676	5.7	123	181	2,012
Thackeray	2(0)	14	15	420	580	1,075	10,861	79.7	957	842	6,162
Thompsonville N	1(3)	22	22	632	756	127	5,409	7.6	898	0	1,040
Tonti	4(1)	12	17	460	710	1,098	10,420	65.1	519	1,732	14,337
Trumbull C	5(0)	16	33	270	400	945	4,070	38.0	347	160	755
Valier	1(0)	1	1	70	70	5	113	2.2	44	5	113
Walpole	1(3)	26	29	2,040	2,100	110	25,720	10.3	2,858	44	14,147
Wamac W	2(0)	8	15	230	230	458	4,210	49.5	619	260	2,895
West Frankfort C	4(3)	20	41	651	921	229	8,205	20.6	1,250	103	4,685
Westfield	1(4)	67	41	160	6,850	0	4,849	0.0	64	0	81
Whittington	3(0)	13	23	370	370	535	717	8.6	36	75	178
Wilberton	1(0)	8	37	1,000	1,180	1,363	6,742	85.7	526	0	1,167
Williams C	1(0)	2	3	119	172	61	1,624	3.6	54	61	841
Woburn C	1(1)	2	6	70	170	0	332	1.1	39	1	524
Woodlawn	2(1)	5	12	140	200	311	1,230	53.9	103	282	1,135
Zeigler	1(0)	6	16	380	380	302	2,634	95.0	1,674	201	807
Zenith E	1(1)	4	13	160	390	66	891	18.5	117	196	717

\*Acreage data are incomplete in a few fields.

\*\*Projects not reporting in 1971 are included as of last reporting date.

†Not all projects reported produced water.

#Number of abandoned projects included.

TABLE 13 — SUMMARY OF WATERFLOOD STATISTICS 1949 — 1971

Year	No. of active projects	Water injection (M bbls)		Reported waterflood oil production (M bbls)		Estimated dump flood production (M bbls)		Total oil prod. (M bbls)	Waterflood prod. % of total prod.**	No. wells in flood projects		Productive acreage		% of total acreage under flood	Cumulative waterflood oil recovery per acre subjected to injection	Cumulative injected water/ cumulative produced oil
		Annual	Cumulative*	Annual	Cumulative*	Annual	Cumulative*			Inf.	Prod.	Subjected to inj.	Total			
1949	33	20,612	50,983	2,511	10,313	1,500	5,000	64,501	6.2	946	1,055	8,450	375,985	2.2	1,230	4.9
1950	63	44,053	99,040	3,107	13,826	1,500	6,500	62,028	7.4	1,097	1,197	14,123	397,685	3.6	979	7.2
1951	84	57,147	148,279	6,672	21,890	1,500	8,000	60,244	13.4	1,620	5,230	17,646	412,050	4.3	1,241	6.8
1952	131	72,951	221,078	8,752	29,000	2,000	12,000	60,071	17.9	2,160	5,114	31,330	425,025	7.4	926	7.6
1953	167	118,409	335,727	10,086	39,800	2,250	14,600	59,025	20.9	2,849	5,298	37,854	434,100	8.7	1,051	8.4
1954	232	176,012	512,202	15,985	55,687	2,129	17,900	67,000	27.0	3,597	6,686	59,027	500,130	11.8	943	9.2
1955	284	224,579	745,573	24,585	81,131	1,978	19,800	81,131	32.7	4,407	7,163	72,832	521,200	14.0	1,114	9.2
1956	333	271,270	1,014,900	29,600	111,700	1,700	21,500	82,314	38.0	5,307	7,687	92,350	539,315	17.1	1,210	9.1
1957	382	295,750	1,310,000	35,442	147,142	1,750	23,250	76,649	48.5	5,734	7,814	112,000	550,305	20.4	1,316	8.9
1958	443	317,153	1,606,500	40,833	187,338	2,040	25,290	80,779	53.1	6,647	8,567	122,500	562,535	21.8	1,529	8.6
1959	499	345,098	1,956,200	41,360	238,512	2,436	27,720	76,727	57.1	7,327	9,306	136,976	574,625	23.8	1,741	8.1
1960	559	376,563	2,324,200	44,789	283,862	1,750	29,470	77,341	60.2	8,062	9,855	152,823	585,045	26.1	1,857	8.2
1961	658	390,093	2,753,361	50,412	334,716	1,270	30,740	77,478	66.7	8,560	10,521	171,825	602,665	28.5	1,948	8.2
1962	717	467,318	3,144,893	49,078	379,977	1,245	31,985	78,796	63.9	8,875	10,660	186,785	612,995	30.5	2,034	8.2
1963	779	438,191	3,631,514	50,092	471,345	902	32,887	74,796	66.9	9,048	11,690	194,900	621,735	31.4	2,616	7.7
1964	848	467,691	4,099,133	47,977	520,886	660	33,547	70,168	69.3	9,731	11,497†	240,163†	629,055	45.4	1,825†	8.7
1965	938	479,347	4,526,211	43,729	531,102	500	34,047	63,708	69.4	10,091	13,651†	292,928†	635,455	46.2	1,810†	8.5
1966	929	505,583	5,281,790	43,319	612,692	200	34,247	61,982	68.3	11,194	13,912†	307,200†	641,165	47.9	1,980†	8.6
1967	896	512,808	5,745,583	43,496	666,239	None	34,247	60,115	71.6	12,893	15,427	338,100	724,600	46.7	1,970	8.6
1968††	880	518,581	6,184,083	41,260	668,907	None	34,247	56,391	73.4	13,107	15,572	347,499	729,600	47.7	1,920	9.2
1969††	882	496,763	6,747,362	37,083	699,808	None	34,247	50,724	73.1	13,326	15,953	369,730	732,429	50.5	1,895	9.6
1970††	855	457,527	7,010,480	30,880	733,045	None	34,247	43,747	70.6	13,498	16,004	372,588	751,855#	49.6	1,967	9.6
1971††	869	442,543	7,470,871	27,758	756,602	None	34,247	39,084	71.0	13,873	16,842	388,426	756,265	51.4	1,940	9.9

\*Current volume plus previous cumulative does not equal current cumulative because of yearly revisions.

\*\*Waterflood oil includes estimated dump flood production. All other figures exclude dump flood production.

†Includes abandoned acreage with waterfloods and pressure maintenance.

#Revised.

##Does not include pressure maintenance data.



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